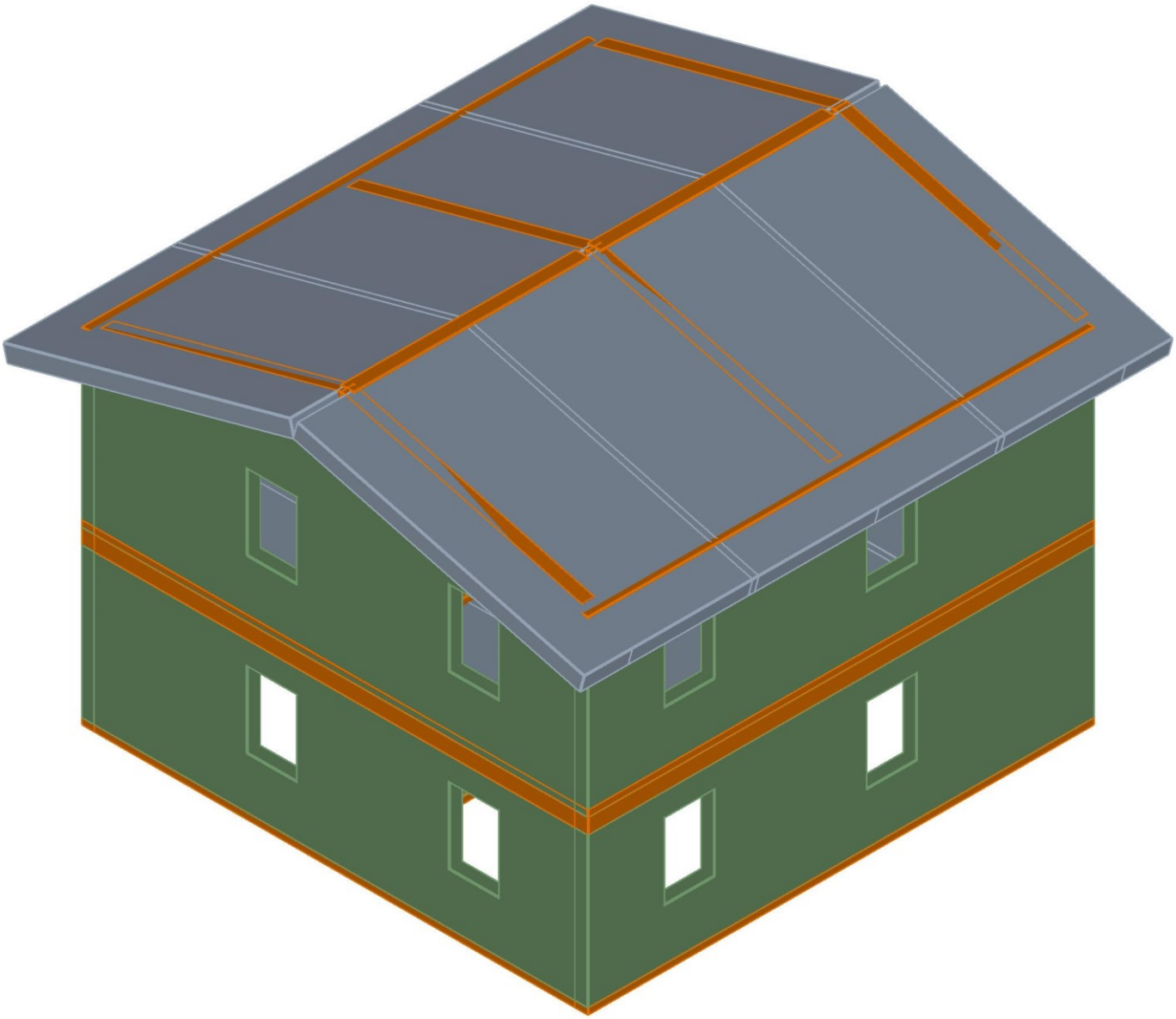
RELAZIONE DI CALCOLO PROGETTAZIONE STRUTTURA PLATFORM-FRAME



modello 3D della struttura

Sono riportati di seguito i tabulati di calcolo e verifica della struttura in legno tipo platform-frame.

1.1 Riferimenti normativi e bibliografici

I calcoli sono condotti nel pieno rispetto della normativa vigente e, in particolare, la normativa cui viene fatto riferimento nelle fasi di verifica e progettazione è costituita dalle Norme Tecniche per le Costruzioni, emanate con il D.M. 17/01/2018 pubblicato nel suppl. 8 G.U. n.42 del 20/02/2018, nonché la Circolare del Ministero Infrastrutture e Trasporti del 21 gennaio 2019, n. 7 "Istruzioni per l'applicazione delle nuove norme tecniche per le costruzioni".

Riferimenti tecnici:

- UNI EN 1995-1 – Costruzioni in legno
- Istruzioni CNR-DT 206/2018

1.2 Tipo di analisi effettuata e metodo di verifica adottato

Il calcolo è stato effettuato considerando:

- condizioni di carico fondamentali derivanti dai carichi gravitazionali
- azione del vento
- azione sismica

SISMA

Le azioni sismiche sono state calcolate mediante analisi STATICA LINEARE secondo NTC 2018 7.3.3.2, considerando gli orizzontamenti (solai) rigidi e indeformabili.
La eventuale deformabilità dei solai è stata tenuta in conto effettuando una verifica a sisma parallelo, in cui le forze sismiche su ogni parete sono calcolate in funzione delle masse sismiche direttamente gravanti su di esse secondo la 7.3.7 NTC 2018.
In questo modo l'azione tagliante sismica su ogni parete è determinata come massimo valore tra l'ipotesi di impalcato rigido e deformabile.

MODELLO DI CALCOLO E VERIFICHE

Le pareti sono considerate reagenti esclusivamente nel loro piano con rigidezza calcolata come trave impedita di ruotare agli estremi.
Le azioni normali al piano sono tenute in considerazioni con verifiche locali (sisma ortogonale e verifica a flessione fuori piano).
Rigidezza e resistenza nel piano di ogni parete è determinata come contributo dei 'maschi parete' di cui è composta, definiti come porzioni di parete verticali delimitate dalle aperture continui dal piano di posa della parete alla sommità (al netto di architravi e sottofinestre).

COMPORTAMENTO GLOBALE

Da punto di vista globale il comportamento della struttura si assume di tipo 'scatolare' con solai assimilabili a orizzontamenti rigidi e ben ammorsati.
Le pareti platform-frame rappresentano gli unici elementi sismo-resistenti in grado di offrire rigidezza e resistenza alle azioni orizzontali di piano.
Eventuali travi e pilastri o altri elementi costruttivi sono considerati a rigidezza nulla (bi-pendoli) nel piano orizzontale.
L'intera azione sismica e la risultante globale dell'azione del vento è quindi affidata alle sole pareti platform-frame.

COMPORTAMENTO MECCANICO PARETI PLATFORM-FRAME

Il comportamento meccanico delle pareti platform-frame è definito in accordo a quanto riportato nel EC5 (UNI EN 1995-1) - Metodo A.

In particolare:

- le azioni gravitazionali (e verticali in generale) sono affidate al telaio (montanti + travi), considerati a rigidezza nulla rispetto alle azioni orizzontali nel piano della parete
- la rigidezza alle azioni orizzontali nel piano della parete è affidata ai pannelli di OSB calcolati come 'trave impedita di ruotare' alle estremità (EC5 – Metodo A)
- la resistenza a taglio orizzontale della parete è affidata alla chiodatura diffusa tra pannelli e telaio interno

- le azioni fuori piano (es. pressione del vento e sisma orizzontale) sono affidate ai montanti del telaio, verificati come travi su due appoggi con carico distribuito agente all'estradosso
- le azioni orizzontali nel piano della parete (es. tagliante sismico), sommate alle sollecitazioni N-M in testa alla parete, generano eventuale trazione ad una estremità (verifica connessioni holdown/tie-down) e compressione nei montanti ricadenti nella sezione compressa all'altra estremità (verifica montanti a compressione, inclusa instabilità)

CALCOLO AZIONI E SOLLECITAZIONI

le azioni agenti sulla struttura sono determinate in automatico in base a:
- carichi direttamente applicati : pesi propri, sovraccarichi solai (coperture, ballatori), azione del vento sulla parete etc…
- taglianti sismici (vedi dettagli analisi sismica)
- risultante azioni del vento per ogni singolo piano

Le sollecitazioni sulle singole pareti sono determinate in base a:
- sollecitazioni trasmesse dalle pareti sovrastanti
- carichi direttamente applicati alle pareti (solai, vento etc..)
- azione di taglio orizzontale nel piano della parete (agente in testa) derivante dal tagliante sismico e/o risultante del carico di vento agente sulla struttura, calcolata assumendo il comportamento 'scatolare' globale della struttura
- azioni fuori dal piano (sisma-ortogonale e pressione del vento)

Per i dettagli sulle verifiche si vedano i punti successivi.

CRITERI DI VERIFICA

Le verifiche delle pareti sono state condotte secondo quanto previsto dal EC5 (UNI EN 1995-1) - Metodo A
Per le azioni normali al piano delle pareti derivanti da vento e sisma è stata effettuata una verifica di resistenza fuori piano.

Rd = kmod * Rk / gm >= Ed

con Ed sollecitazioni di progetto, Rd resistenze di progetto, Rk resistenze carattristiche, kmod = fattore di modifica per la combinazione di carico, gm = coeff. parziale di sicurezza del materiale per il tipo di combinazione di carico.

TAGLIO

La verifica a taglio è condotta per ogni parete come confronto tra il taglio agente derivante dall'analisi Vsd e la resistenza di progetto a taglio Vrd,tag data della chiodatura pannello/trave di telaio.

Dove la resistenza a taglio caratteristica del maschio parete è definita come:
Fv,Rk = Somma(Fv,i,Rk) (EC5 eq. 9.20)
con Fv,i,Rk = Ff,Rk * bi * ci / s (EC5, eq. 9.2 - resistenza a taglio caratteristica per singolo pannello)
dove Ff,Rk resistenza caratteristica a taglio singolo connettore (chiodo, unione pannello/legno)
bi = larghezza del pannello
s = spaziatura tra connettori (chiodatura)
ci = 1 per bi >= b0
ci = bi/b0 per bi < b0
b0 = h/2 (EC5 - eq. 9.22 - h = altezza della parete)

SCORRIMENTO NEL PIANO

La resistenza allo scorrimento della parete nel suo piano è affidata alla presenza di connettori (barre filettate) verticali passanti che collegano telaio della parete superiore, trave di solaio/cordolo di piano e trave telaio sottostante.
Per le pareti al piano di fondazione le barre filettate sono ancorate alla fondazione mediante ancoranti chimici/meccanici.
La resistenza Vsd,scorr è valutata secondo i criteri delle unioni legno/legno con connettori a gambo cilindrico.
L'azione di taglio di progetto Vsd è quella derivante dall'analisi per le combinazioni fondamentali.

Per le verifiche delle connessioni in condizioni sismiche vedi punto successivo : VERIFICHE DI DUTTILITA' e GEARCHIA DELLE

RESISTENZE.

PRESSO-FLESSIONE E RIBALTAMENTO

L'azione congiunta nel piano della parete di taglio (Vsd), sforzo normale (Nsd) e momento (Msd o ecc. e = Msd/Nsd) è verificata come resistenza a compressione dei montanti soggetti a compressione (inclusa ver. instabilità) e resistenza a trazione delle connessioni di estremità (verifica a ribaltamento):
- HOLDOWN per le pareti al piano di fondazione : resistenza a trazione Rd,hd = kmod * R1,k / gm , con R1,k resistenza caratteristica a trazione fornita dal produttore in funzione del tipo di connettore e chiodatura (parziale o totale)
- TIE-DOWN per le pareti in elevazione : resistenza a trazione Rd,td = min(Nrd,piastra, Vrd,conn)
  con Nrd,piastra = resistenza a trazione della piastra
  con Vrd,conn = resistenza a taglio della connessione acciaio/legno con connettori a gambo cilindrico

Per le verifiche delle connessioni in condizioni sismiche vedi punto successivo : VERIFICHE DI DUTTILITA' e GEARCHIA DELLE RESISTENZE.

VERIFICHE DI DUTTILITA' e GERARCHIA DELLE RESISTENZE (NTC 2018 - 7.7.2/3)

Ai fini del comportamento duttile della struttura sono state considerate dissipative le connessioni di chiodatura pannello/telaio, per cui sono state condotte le verifiche di duttilità secondo quanto previsto al par.7.7.2 NTC 2018.
Le altre connessioni (scorrimento e tie-down/holdown a ribaltamento) sono state considerate non dissipative e sono state verificate come sovraresistenti con Vsd = 1.1 * Vrd,chiodatura <= Vsd,el
con Vrd,chiodatura = resistenza di progetto a taglio in condizioni sismiche della chiodatura pannello/trave di telaio
e Vsd,el = VsdE(q=1,5) taglio sismico calcolato con q = 1,5

Ai fini della sola verifica di sovraresistenza delle connessioni di estremità a ribaltamento (tie-down/holdown) è stato considerato anche il contributo a trazione delle barre filettate a scorrimento.

VERIFICHE SISMICHE DI SPOSTAMENTI RELATIVI DI INTERPIANO

Sono condotte secondo quanto previsto al par.7.3.6.1, assumendo uno spostamento limite :
d,lim,SLD = 0.005 h

VERIFICHE SISMA ORTOGONALE

Le azioni simiche fuori piano sono state tenute in conto effettuando per ogni parete le verifiche a sisma-ortogonale come previsto per le pareti in muratura (7.8.1.5.2).
In particolare la verifica è condotta sul singolo montante di telaio come trave su due appoggi e carico distribuito.

VERIFICHE A FLESSIONE

Le azioni statiche fuori piano (es. vento) sono state tenute in conto effettuando per ogni parete le verifiche a flessione sul singolo montante di telaio come trave su due appoggi e carico distribuito.

INGOBBAMENTO DEL PANNELLO

Il modello di calcolo adottato per il comportamento delle pareti nel loro piano è validato dalle verifiche di ingobbamento del pannello, per cui deve risultare:
spessore pannello <= 1/100 b,net (con bnet = interasse netto tra 2 montanti consecutivi).

DISTANZE E INTERASSI MINIMI CONNETTORI

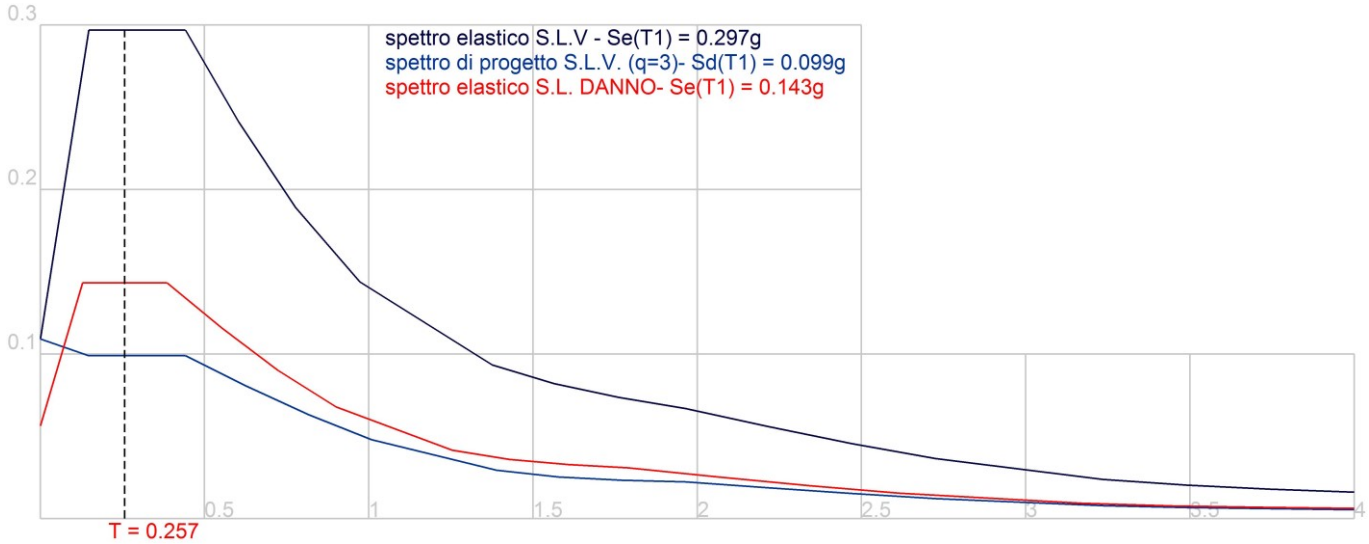
Per tutte le connessioni vengono effettuate le verifiche di distanze minime tra connettori.
Per la componentistica in commercio pre-forata (angolari standard, holdown, piastre forate) si fa riferimento ai dati forniti dal produttore.

2. AZIONI SULLA COSTRUZIONE

2.1 - PARAMETRI SISMICI

PARAMETRI SISMICI 1/2		
Vn	50 anni	vita nominale della struttura
cl.uso	II	classe d'uso
Vr	50 anni	periodo di riferimento della struttura
longitudine	12.447	
latitudine	41.9102	
cat.ter	B	categoria del terreno
St	1 (T1)	coeff. topografico
T1	0.257 s	periodo fondamentale della struttura calcolato come (Tb+Tc)/2, valore massimo per lo spettro di risposta
cl. dutt.	dissip. ridotta	classe di duttilità della struttura
q0	3	il valore massimo del fattore di struttura q0
regH	SI	regolarità in altezza
kr	1	fattore di riduzione per regolarità in altezza
q	3	fattore di struttura q

PARAMETRI SISMICI 2/2									
Stato Limite	Ag/g	Ss	Tb	Tc	Td	Cc	Tr	sp.rel.	attivo
SLO	0.039	1.2	0.121	0.3629	1.756	1.4515	30		NO
SLD	0.047	1.2	0.1286	0.3859	1.788	1.4293	50	0.005h	SI
SLV	0.091	1.2	0.1474	0.4421	1.964	1.3815	475		SI
SLC	0.108	1.2	0.1547	0.4641	2.032	1.3649	975		NO



spettri di progetto e elastico

2.2 - NEVE

Il carico neve è stato determinato in conformità al §3.4 del DM 17.01.2018.

Dati calcolo neve		
esiste	SI	indica se nel progetto è stato considerato il carico neve
zona	III	zona geografica (§3.4.2)

Dati calcolo neve		
esposizione	ventosa	tipo di esposizione (§3.4.3 Tab 3.4.I)
ce	0.9	coeff. di esposizione (§3.4.3)
ct	1	coeff. termico (§3.4.4)
alfa falda [°]	15	inclinazione falda per il calcolo del coeff. di forma (§3.4.5)
cf	0.8	coeff. di forma (§3.4.5)
Qsk [kN/m2]	0.6	valore caratteristico del carico neve al suolo (§3.4.2)
Qs [kN/m2]	0.432	carico neve sulla copertura (§3.4.1)

2.3 - VENTO

Le azioni del vento sono state determinate in conformità al §3.3 del DM 17.01.2018.

Dati calcolo vento					
Tr	50	tempo di ritorno		esiste	SI
zona geografica	3			dati categ. di esposizione	
altezza s.l.m.	100 m			classe aperture	
ce	1.71	coeff. esposizione		categ. espos.	III
ct	1	coeff. topografico		z	0 m
cd	1	coeff. dinamico		dist. costa	0 km
	1			classe rugosità	A
cp	1	coeff. forma per azione diretta sulle pareti (default)			
cpe,fal,sop	-0.6	coeff. di forma default per la falda sopravento calcolato per alfa = 15°			
cpe,fal,sot	-0.6	coeff. di forma default per la falda sottovento calcolato per alfa = 15°			
cf	0	coeff. attrito (§3.3.5)			
vb [m/s2]	27	velocità di riferimento (3.3.1 §3.3.2)			
qb [N/m2]	456.3	pressione di riferimento (3.3.4 - §3.3.6)			
p,espl [N/m2]	0	pressione del vento imposta esplicitamente (0 = quella di calcolo)			
p [N/m2]	779.1	pressione del vento di progetto (3.3.2 - §3.3.4)			
pf [N/m2]	0	azione tangenziale (3.3.3 - §3.3.5)			

Condizioni di carico vento considerate		
cond. num.	descrizione	direzione
1	vento dir. 0°	0°
2	vento dir. 90°	90°
3	vento dir. 180°	180°
4	vento dir. 270°	270°

ARCHIVIO MATERIALI LEGNO

ARCHIVIO MATERIALI LEGNO												
classe	fmk	ft0k	ft90k	fc0k	fc90k	fvk	E0m	E005	E90m	Gm	rok	rom
	[N/mm2]										[kg/m3]	
C24	24 14		0.4	21	2.5	4	11000	7400	370	690	350 420	
OSB/4	21 11.4		10.9	17	13.7	6.9	6780	5763	0	1090	650	0

3 - ARCHIVIO COMPONENTI

ARCHIVIO COMPONENTI - BLOCCHI HOLDOWN - 1/2

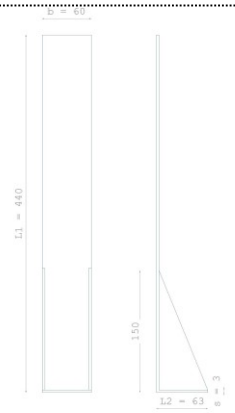
ARCHIVIO COMPONENTI - BLOCCHI HOLDOWN - 1/2

		geometria				connettore			ancoraggi	
n.	descriz.	L1	L2	b	s	descr.	n.parz	n.tot	d	num.
		[mm]	[mm]	[mm]	[mm]				[mm]	
2	angolare WHT440	440	63	60	3	viti speciali d5,0 x 60	20	30	16	1

ARCHIVIO COMPONENTI - BLOCCHI HOLDOWN - 2/2

	resist.caratt. conness.parz.			resist.caratt. conness.tot.				materiale dati scheda/produttore		
n.	R1,k	R23.k	R45,k	R1,k	R23.k	R45,k	disposiz.	acciaio	ETA/ETAG	produttore
	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]				
2	31.4	0	0	47.1	0	0	un angolare per giunzione	S355+FeZn 12c	ETAG 015 ETA-09/0322	Rothoblaas

ARCHIVIO COMPONENTI - BLOCCHI HOLDOWN - 1/2



angolare WHT440

ARCHIVIO COMPONENTI - TIE-DOWN

		geometria				resist. espl.			
n.	descriz.	b	h	s	d,foro	Nrk	Nrk,pl	materiale	produttore
		[mm]	[mm]	[mm]	[mm]	[kN]	[kN]		
1	piastra forata 60x800x1.5	60	970	1.5	5	-1	-1	SD250GD	

ARCHIVIO COMPONENTI - ANCORANTI : M16 HIT-RE 500

num.	3		
nome	M16 HIT-RE 500		
tipo ancorante	chimico		
descrizione	M16 HIT-RE 500		
descrizione 2	ancorante chimico Hilti : vedi scheda produttore		
d	16	[mm]	
L	379	[mm]	lunghezza totale
Leff	170	[mm]	lunghezza effettiva di ancoraggio
Hmin,cls	230	[mm]	altezza minima del supporto in cls
acciaio	8.8		classe acciaio
Nrd	27.1	[kN]	Resistenza di progetto a trazione
Vrd	28.1	[kN]	Resistenza di progetto a taglio
prescrizioni	calcestruzzo fessurato e non fessurato		

ARCHIVIO COMPONENTI - CONNETTORI ACCIAIO-LEGNO

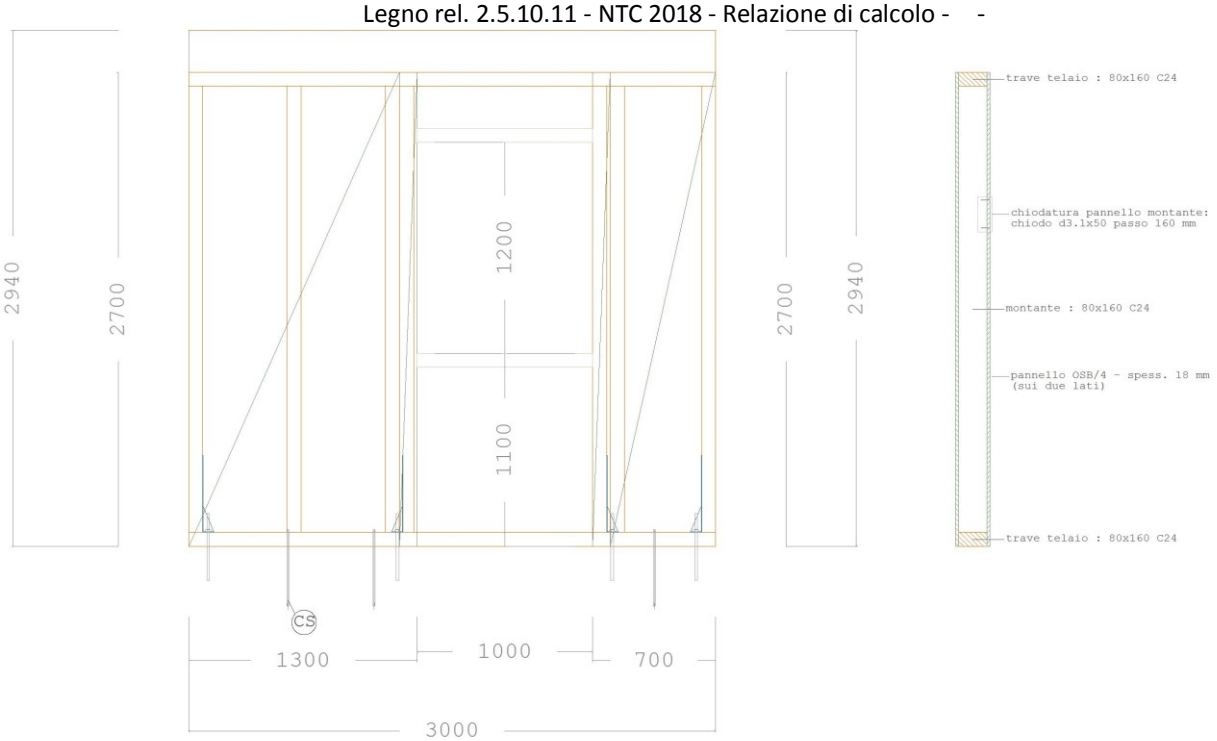
n.	descriz.	d	L	acciaio		n.	descriz.	d	L	acciaio

ARCHIVIO COMPONENTI - CONNETTORI ACCIAIO-LEGNO										
		[mm]	[mm]					[mm]	[mm]	
1	chiodo Anker d4,0x40	4	40	S235		2	chiodo Anker d4,0x60	4	60	S235
3	vite speciale d5,0x40	5	40	S235		4	vite speciale d5,0x50	5	50	S235

ARCHIVIO COMPONENTI - CONNETTORI A SCORRIMENTO n. 1			
num.	1		
nome	barra filettata M12x400		
d	12	[mm]	
acciaio	5.8		classe acciaio
tipo per ancoraggio connettori piano fondazione			
tipo ancorante	chimico		
descrizione	barra filettata M12-5.8		
descrizione 2	ancorante chimico Vrd,min = 16.8 kN		
Leff	125	[mm]	lunghezza effettiva di ancoraggio
Hmin,cls	170	[mm]	altezza minima del supporto in cls
Nrd	33.7	[kN]	Resistenza di progetto a trazione ancorante
Vrd	16.8	[kN]	Resistenza di progetto a taglio ancorante
prescrizioni	calcestruzzo fessurato e non fessurato		

ARCHIVIO PARETI TIPO

ARCHIVIO PARETI TIPO															
		dati pannello				montante			trave			chiodatura			
n.	s	s	b	disp	mat	b	h	nxp	b	h	mat	d	L	acc	passo
	[mm]	[mm]	[mm]			[mm]	[mm]		[mm]	[mm]		[mm]	[mm]		[mm]
1	196	18	1200	2	OSB/4	80	160	3	80	160	C24	3.1	50	S235	80



parete tipo n. 1

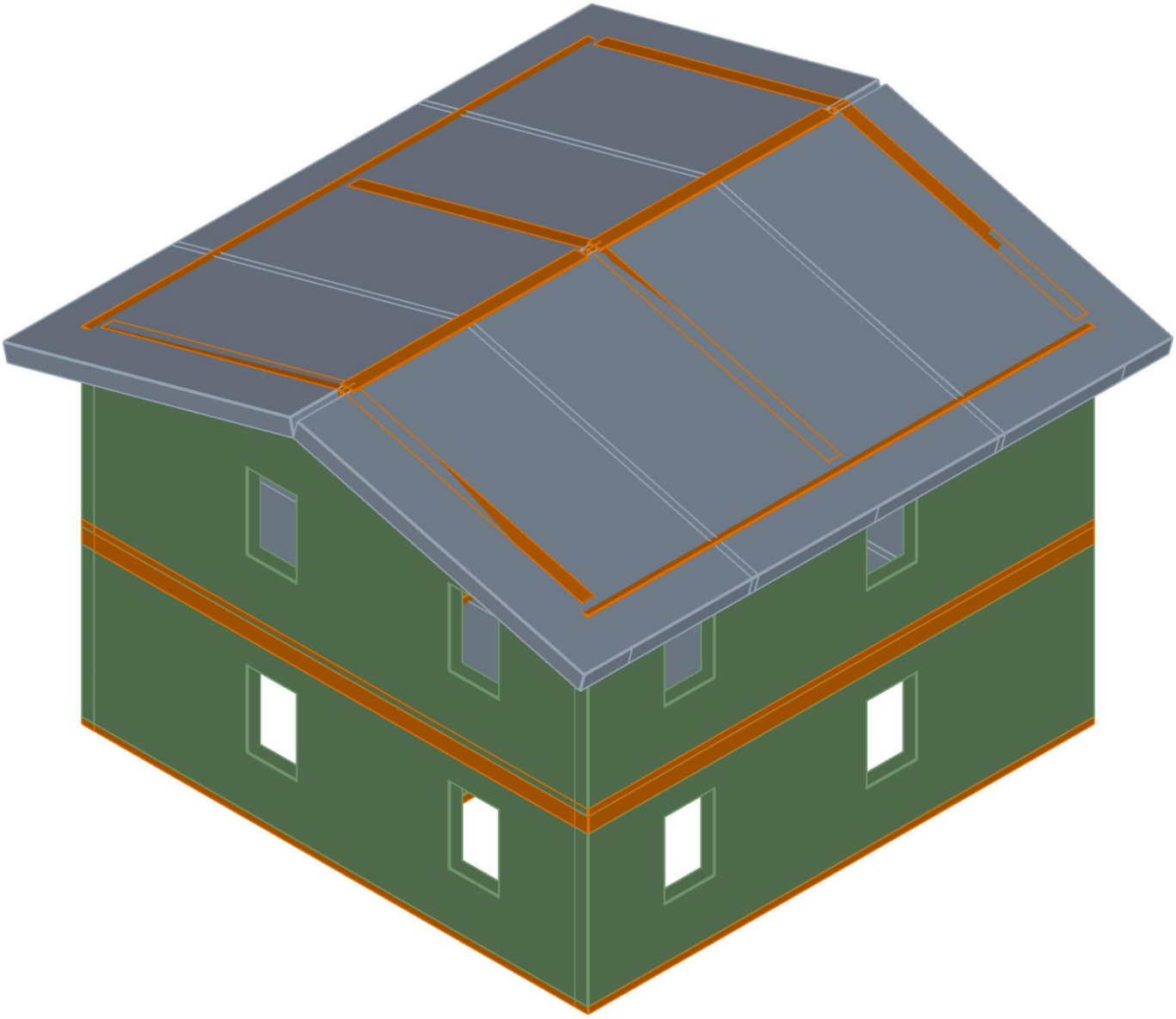
ARCHIVIO SOLAI E CARICHI

ARCHIVIO SOLAI E CARICHI						
num.	descrizione	p.prop.	perm.	c. var.	cat. var	neve
		[kN/mq]	[kN/mq]	[kN/mq]		[kN/mq]
1	solaio di piano	1	1	2	A - residenziale	0
2	solaio di copertura	1	1	0.5	H - coperture+neve<1000 mslm	0.43
3	scale	1	0.5	4	C - susc. affollam.	0
4	ballatoi	1	1	4	C - susc. affollam.	0.43

4 - DATI DI INPUT

4.1 - MODELLO 3D DELLA STRUTTURA

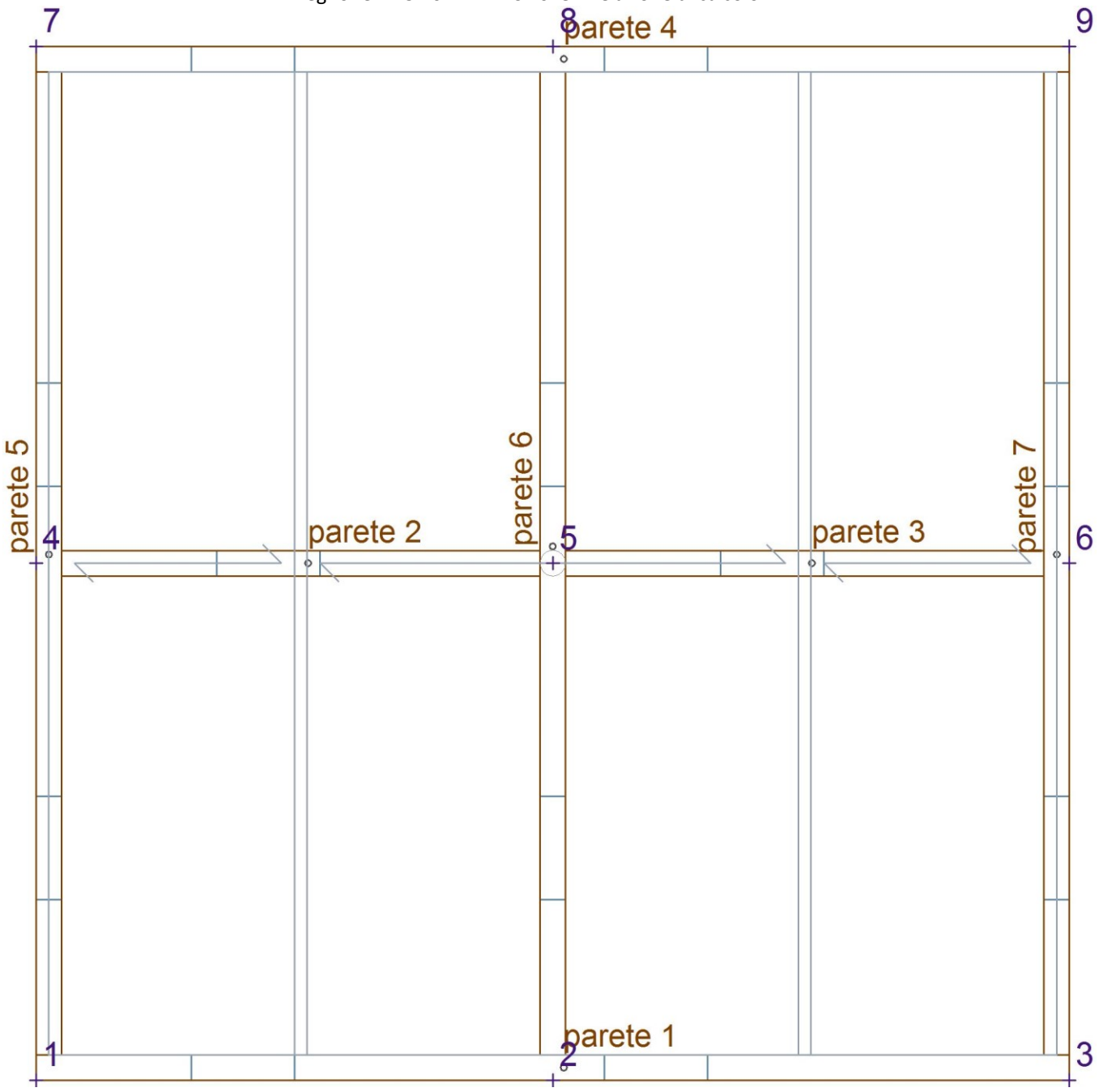
Si riporta di seguito il modello 3D della struttura utilizzato per nel calcolo.



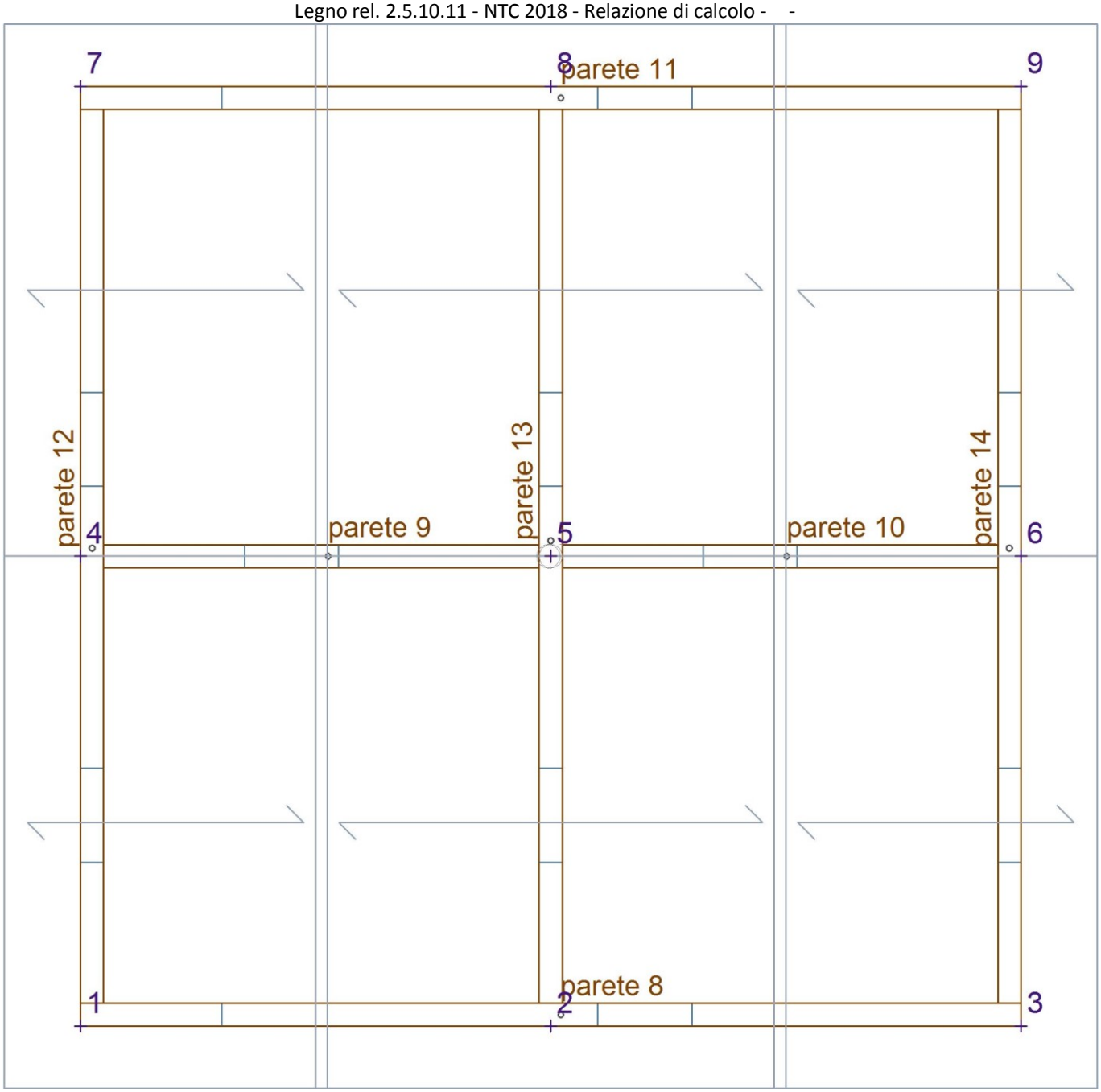
modello 3D della struttura

4.2 - PIANI E QUOTE

DATI PIANI E QUOTE				
num.		1	2	numero piano
h,fond	[m]	2.7	5.4	h dallo spiccato fondazioni
h,interp	[m]	2.7	2.7	h interpiano
h,camp	[m]	2.7	5.4	h dal piano di campagna
max Dim. X	[m]	8	8	max dimensione di direzione X
max Dim. Y	[m]	8	8	max dimensione di direzione Y



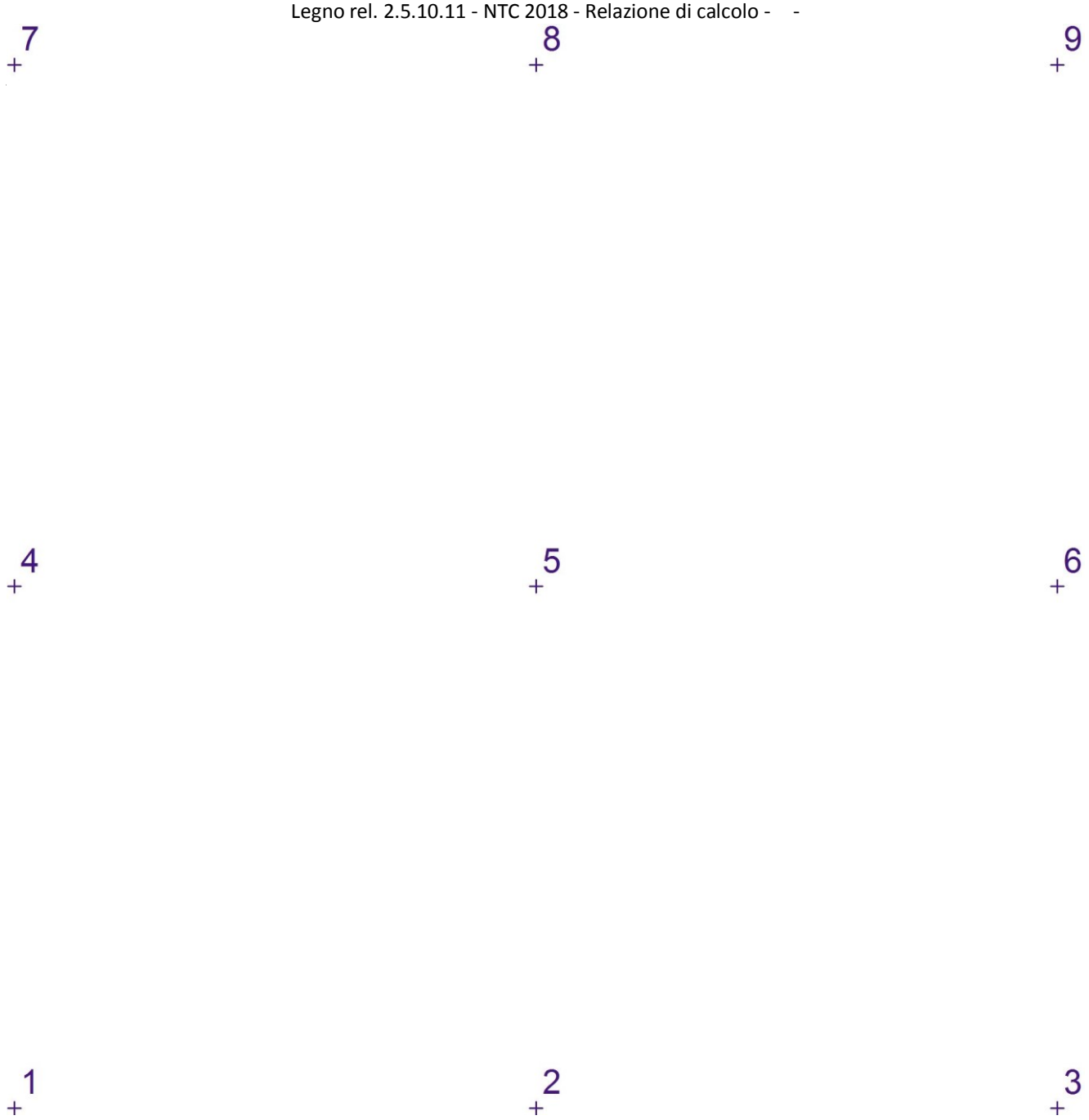
pianta piano 1 - quota : 2.7 m



pianta piano 2 - quota : 5.4 m

4.3 - FILI FISSI

Coordinate FILI FISSI [m]								
num.	X	Y	num.	X	Y	num.	X	Y
1	0	0	2	4	0	3	8	0
4	0	4	5	4	4	6	8	4
7	0	8	8	4	8	9	8	8



pianta fili fissi

4.4 - GEOMETRIA PARETI

geometria pareti - legenda	
num	numero della parete
tipo	numero archivio parete tipo: 0 = custom npf = non platform-frame
piano	piano
fin	filo iniziale
ffin	filo finale
L	lunghezza in pianta
dxi	scostamento trasversale dal filo iniziale (>0 verso destra)
dyi	scostamento longitudinale dal filo iniziale (>0 verso filo fin.)
dxf	scostamento trasversale dal filo finale (>0 verso destra)

geometria pareti - legenda	
dyf	scostamento longitudinale dal filo finale (<0 verso filo in.)
dzi	delta quota iniziale rispetto alla quota del piano
dzf	delta quota finale rispetto alla quota del piano
dist,i	distanza del colmo dal punto iniziale
hc	altezza del colmo
timp.	presenza di timpano rigido
delta	fattore delta per incremento sollecitazioni sismiche per eccentricità torsionale accidentale per le direzioni X e Y

GEOMETRIA PARETI

			fili			scostamenti						colmo			delta	
num	tipo	piano	fin	ffin	L	dxi	dyi	dxf	dyf	dzi	dzf	dist,i	hc	timp.	x	y
					[m]	[cm]	[cm]	[cm]	[cm]	[cm]	[cm]	[cm]	[cm]			
1	1	1	1	3	8	0	-9.8	0	-9.8	0	0	0	0	NO	1.3	1.01
2	1	1	4	5	3.71	19.6	0	-9.8	0	0	0	0	0	NO	1	1.15
3	1	1	5	6	3.71	9.8	0	-19.6	0	0	0	0	0	NO	1	1.15
4	1	1	7	9	8	0	9.8	0	9.8	0	0	0	0	NO	1.3	1.01
5	1	1	1	7	7.61	19.6	9.8	-19.6	9.8	0	0	0	0	NO	1.01	1.3
6	1	1	2	8	7.61	19.6	0	-19.6	0	0	0	0	0	NO	1.01	1
7	1	1	3	9	7.61	19.6	-9.8	-19.6	-9.8	0	0	0	0	NO	1.01	1.3
8	1	2	1	3	8	0	-9.8	0	-9.8	2.6	2.6	0	0	NO	1.3	1.01
9	1	2	4	5	3.71	19.6	0	-9.8	0	107.2	107.2	0	0	NO	1	1.15
10	1	2	5	6	3.71	9.8	0	-19.6	0	107.2	107.2	0	0	NO	1	1.15
11	1	2	7	9	8	0	9.8	0	9.8	2.6	2.6	0	0	NO	1.3	1.01
12	1	2	1	7	7.61	19.6	9.8	-19.6	9.8	5.3	5.3	380.4	101.9	NO	1.01	1.3
13	1	2	2	8	7.61	19.6	0	-19.6	0	5.3	5.3	380.4	101.9	NO	1.01	1
14	1	2	3	9	7.61	19.6	-9.8	-19.6	-9.8	5.3	5.3	380.4	101.9	NO	1.01	1.3

aperture pareti - legenda	
num	numero della parete
piano	piano
x	distanza apertura dal punto inziale della parete
y	altezza imposta dell'apertura
b	larghezza apertura
h	altezza dell'apertura

APERTURE PARETI

num	piano	fin	ffin	x	y	b	h
				[cm]	[cm]	[cm]	[cm]
1	1	1	3	120	90	80	120
				440	90	80	120
2	1	4	5	120	0	80	210
3	1	5	6	120	0	80	210
4	1	7	9	120	90	80	120
				440	90	80	120
5	1	1	7	120	90	80	120
				440	90	80	120
6	1	2	8	120	0	80	210

APERTURE PARETI							
				440	0	80	210
7	1	3	9	120	90	80	120
				440	90	80	120
8	2	1	3	120	90	80	120
				440	90	80	120
9	2	4	5	120	0	80	210
10	2	5	6	120	0	80	210
11	2	7	9	120	90	80	120
				440	90	80	120
12	2	1	7	120	90	80	120
				440	90	80	120
13	2	2	8	120	0	80	210
				440	0	80	210
14	2	3	9	120	90	80	120
				440	90	80	120

GEOMETRIA PARETI - Dati maschi

Si riporta di seguito la tabella delle caratteristiche geometriche e di rigidezza dei maschi parete componenti le singole pareti, ovvero gli elementi portanti di cui è costituita la parete al netto delle aperture.

maschi pareti - legenda	
num	numero della parete
piano	piano
tratto	numero del maschio-parete
xin	distanza maschio-parete dall'iinizio della parete
Li	lunghezza del tratto
hm	altezza media del singolo maschio-parete
ki	rigidezza alla traslazione nel piano del singolo maschio
ktot	rigidezza alla traslazione nel piano totale della parete

DATI MASCHI-PARETI E RIGIDEZZE									
num	piano	fin	ffin	tratto	xin	Li	hm	ki	ktot
				num.	[cm]	[cm]	[cm]	[kN/mm]	[kN/mm]
1	1	1	3	1	0	120	246	5.95	25.9
				2	200	240	246	8.63	
				3	520	280	246	11.32	
2	1	4	5	1	0	120	246	5.95	11.9
				2	200	170.6	246	5.95	
3	1	5	6	1	0	120	246	5.95	11.9
				2	200	170.6	246	5.95	
4	1	7	9	1	0	120	246	5.95	25.9
				2	200	240	246	8.63	
				3	520	280	246	11.32	
5	1	1	7	1	0	120	246	5.95	23.22
				2	200	240	246	8.63	
				3	520	240.8	246	8.63	
6	1	2	8	1	0	120	246	5.95	23.22
				2	200	240	246	8.63	

DATI MASCHI-PARETI E RIGIDEZZE									
				3	520	240.8	246	8.63	
7	1	3	9	1	0	120	246	5.95	23.22
				2	200	240	246	8.63	
				3	520	240.8	246	8.63	
8	2	1	3	1	0	120	248.6	5.92	25.8
				2	200	240	248.6	8.6	
				3	520	280	248.6	11.28	
9	2	4	5	1	0	120	353.2	4.99	9.99
				2	200	170.6	353.2	4.99	
10	2	5	6	1	0	120	353.2	4.99	9.99
				2	200	170.6	353.2	4.99	
11	2	7	9	1	0	120	248.6	5.92	25.8
				2	200	240	248.6	8.6	
				3	520	280	248.6	11.28	
12	2	1	7	1	0	120	250.5	5.94	23.2
				2	200	240	250.5	8.64	
				3	520	240.8	250.5	8.63	
13	2	2	8	1	0	120	250.5	5.94	23.2
				2	200	240	250.5	8.64	
				3	520	240.8	250.5	8.63	
14	2	3	9	1	0	120	250.5	5.94	23.2
				2	200	240	250.5	8.64	
				3	520	240.8	250.5	8.63	

4.5 - CARICHI PARETI

carichi pareti/travi - legenda	
An	Area netta della parete per il calcolo del peso (e sovracc.) della parete. Nel caso di travi indica la lunghezza della trave [m]
Avd	Area lorda della parete per il calcolo del carico del vento direttamente applicato alla parete
Asol	Area complessiva solai di copertura gravanti sulla parete per carico del vento
carico	tipologia di carico (vedi archivio carichi)
A	Area di influenza del carico solaio/copertura
pp	componente peso proprio del carico per mq* e totale -1 per le pareti indica che il peso proprio è calcolato in automatico. (*)Nel caso di travi è indicato il peso a ml [kN/m].
perm	componente perm. del carico per mq e totale
var	componente variabile del carico totale per mq e totale
neve	componente neve del carico totale per mq e totale
peso	peso del carico = somma dei singoli sovraccarichi con coeff. unitario
massa s	massa sismica associata al carico = somma dei singoli sovraccarichi * coeff. comb. sismica del carico
cp,dir	coeff. forma per il carico del vento diretto sulla parete (>0 concorde con la direzione del vento)
p,dir	pressione vento diretto sulla parete
cpe1	coeff. forma per il carico del vento sulla prima falda della copertura (>0 verso il basso)
p,e1	pressione vento sulla prima falda della copertura
cpe2	coeff. forma per il carico del vento sulla eventuale seconda falda della copertura (>0 verso il basso)

carichi pareti/travi - legenda	
p,e2	pressione vento sulla eventuale falda della copertura
F	forza complessiva azione vento
pv	= 0.78 kN/mq : pressione del vento calcolata per cp=1

carichi parete n. 1 - piano 1 ; fili : 1 - 3											
An = 19.68mq					Avd = 21.6mq						
		distribuito				totale					
carico	A	pp	perm	var	neve	pp	perm	var	neve	peso	massa s
tipo	infl.	[kN/m2]				[kN]				[kN]	
distrib. parete	19.68	1	0.5	0.5	0	19.68	9.84	9.84	0	39.36	29.52

carichi vento parete n. 1									
Avd = 21.6 mq				Asol = 0 mq					
	diretto			falda 1 [0 mq]			falda 2 [0 mq]		
carico	cp,dir	p,dir	Fv,dir	cpe,1	p,e1	F,e1	cpe,1	p,e1	F,e1
		[kN/m2]	[kN]		[kN/m2]	[kN]		[kN/m2]	[kN]
vento dir. 0°	0	0	0	0	0	0	0	0	0
vento dir. 90°	0.77	0.6	12.96	0	0	0	0	0	0
vento dir. 180°	0	0	0	0	0	0	0	0	0
vento dir. 270°	0.44	0.34	7.4	0	0	0	0	0	0

carichi parete n. 2 - piano 1 ; fili : 4 - 5											
An = 8.33mq					Avd = 10.01mq						
		distribuito				totale					
carico	A	pp	perm	var	neve	pp	perm	var	neve	peso	massa s
tipo	infl.	[kN/m2]				[kN]				[kN]	
distrib. parete	8.33	1	0.5	0.5	0	8.33	4.16	4.16	0	16.65	12.49

carichi vento parete n. 2									
Avd = 10.01 mq				Asol = 0 mq					
	diretto			falda 1 [0 mq]			falda 2 [0 mq]		
carico	cp,dir	p,dir	Fv,dir	cpe,1	p,e1	F,e1	cpe,1	p,e1	F,e1
		[kN/m2]	[kN]		[kN/m2]	[kN]		[kN/m2]	[kN]
vento dir. 0°	0	0	0	0	0	0	0	0	0
vento dir. 90°	0	0	0	0	0	0	0	0	0
vento dir. 180°	0	0	0	0	0	0	0	0	0
vento dir. 270°	0	0	0	0	0	0	0	0	0

carichi parete n. 3 - piano 1 ; fili : 5 - 6											
An = 8.33mq					Avd = 10.01mq						
		distribuito				totale					
carico	A	pp	perm	var	neve	pp	perm	var	neve	peso	massa s
tipo	infl.	[kN/m2]				[kN]				[kN]	
distrib. parete	8.33	1	0.5	0.5	0	8.33	4.16	4.16	0	16.65	12.49

carichi vento parete n. 3

carichi vento parete n. 3									
Avd = 10.01 mq				Asol = 0 mq					
	diretto			falda 1 [0 mq]			falda 2 [0 mq]		
carico	cp,dir	p,dir	Fv,dir	cpe,1	p,e1	F,e1	cpe,1	p,e1	F,e1
		[kN/m2]	[kN]		[kN/m2]	[kN]		[kN/m2]	[kN]
vento dir. 0°	0	0	0	0	0	0	0	0	0
vento dir. 90°	0	0	0	0	0	0	0	0	0
vento dir. 180°	0	0	0	0	0	0	0	0	0
vento dir. 270°	0	0	0	0	0	0	0	0	0

carichi parete n. 4 - piano 1 ; fili : 7 - 9											
An = 19.68mq						Avd = 21.6mq					
		distribuito				totale					
carico	A	pp	perm	var	neve	pp	perm	var	neve	peso	massa s
tipo	infl.	[kN/m2]				[kN]				[kN]	
distrib. parete	19.68	1	0.5	0.5	0	19.68	9.84	9.84	0	39.36	29.52

carichi vento parete n. 4									
Avd = 21.6 mq				Asol = 0 mq					
	diretto			falda 1 [0 mq]			falda 2 [0 mq]		
carico	cp,dir	p,dir	Fv,dir	cpe,1	p,e1	F,e1	cpe,1	p,e1	F,e1
		[kN/m2]	[kN]		[kN/m2]	[kN]		[kN/m2]	[kN]
vento dir. 0°	0	0	0	0	0	0	0	0	0
vento dir. 90°	0.44	0.34	7.4	0	0	0	0	0	0
vento dir. 180°	0	0	0	0	0	0	0	0	0
vento dir. 270°	0.77	0.6	12.96	0	0	0	0	0	0

carichi parete n. 5 - piano 1 ; fili : 1 - 7											
An = 18.62mq						Avd = 20.54mq					
		distribuito				totale					
carico	A	pp	perm	var	neve	pp	perm	var	neve	peso	massa s
tipo	infl.	[kN/m2]				[kN]				[kN]	
distrib. parete	18.62	1	0.5	0.5	0	18.62	9.31	9.31	0	37.24	27.93
solaio di piano	15.22	1	1	2	0	15.22	15.22	30.43	0	60.86	39.56

carichi vento parete n. 5									
Avd = 20.54 mq				Asol = 15.22 mq					
	diretto			falda 1 [15.22 mq]			falda 2 [0 mq]		
carico	cp,dir	p,dir	Fv,dir	cpe,1	p,e1	F,e1	cpe,1	p,e1	F,e1
		[kN/m2]	[kN]		[kN/m2]	[kN]		[kN/m2]	[kN]
vento dir. 0°	0.77	0.6	12.32	0	0	0	0	0	0
vento dir. 90°	0	0	0	0	0	0	0	0	0
vento dir. 180°	0.43	0.34	6.88	0	0	0	0	0	0
vento dir. 270°	0	0	0	0	0	0	0	0	0

carichi parete n. 6 - piano 1 ; fili : 2 - 8			
An = 17.18mq	Avd = 20.54mq		

carichi parete n. 6 - piano 1 ; fili : 2 - 8											
		distribuito				totale					
carico	A	pp	perm	var	neve	pp	perm	var	neve	peso	massa s
tipo	infl.	[kN/m2]				[kN]				[kN]	
distrib. parete	17.18	1	0.5	0.5	0	17.18	8.59	8.59	0	34.36	25.77
solaio di piano	30.43	1	1	2	0	30.43	30.43	60.86	0	121.73	79.12

carichi vento parete n. 6									
Avd = 20.54 mq				Asol = 30.43 mq					
	diretto			falda 1 [30.43 mq]			falda 2 [0 mq]		
carico	cp,dir	p,dir	Fv,dir	cpe,1	p,e1	F,e1	cpe,1	p,e1	F,e1
		[kN/m2]	[kN]		[kN/m2]	[kN]		[kN/m2]	[kN]
vento dir. 0°	0	0	0	0	0	0	0	0	0
vento dir. 90°	0	0	0	0	0	0	0	0	0
vento dir. 180°	0	0	0	0	0	0	0	0	0
vento dir. 270°	0	0	0	0	0	0	0	0	0

carichi parete n. 7 - piano 1 ; fili : 3 - 9											
An = 18.62mq						Avd = 20.54mq					
		distribuito				totale					
carico	A	pp	perm	var	neve	pp	perm	var	neve	peso	massa s
tipo	infl.	[kN/m2]				[kN]				[kN]	
distrib. parete	18.62	1	0.5	0.5	0	18.62	9.31	9.31	0	37.24	27.93
solaio di piano	15.22	1	1	2	0	15.22	15.22	30.43	0	60.86	39.56

carichi vento parete n. 7									
Avd = 20.54 mq				Asol = 15.22 mq					
	diretto			falda 1 [15.22 mq]			falda 2 [0 mq]		
carico	cp,dir	p,dir	Fv,dir	cpe,1	p,e1	F,e1	cpe,1	p,e1	F,e1
		[kN/m2]	[kN]		[kN/m2]	[kN]		[kN/m2]	[kN]
vento dir. 0°	0.43	0.34	6.88	0	0	0	0	0	0
vento dir. 90°	0	0	0	0	0	0	0	0	0
vento dir. 180°	0.77	0.6	12.32	0	0	0	0	0	0
vento dir. 270°	0	0	0	0	0	0	0	0	0

carichi parete n. 8 - piano 2 ; fili : 1 - 3											
An = 19.89mq						Avd = 21.81mq					
		distribuito				totale					
carico	A	pp	perm	var	neve	pp	perm	var	neve	peso	massa s
tipo	infl.	[kN/m2]				[kN]				[kN]	
distrib. parete	19.89	1	0.5	0.5	0	19.89	9.94	9.94	0	39.78	29.83

carichi vento parete n. 8									
Avd = 21.81 mq				Asol = 0 mq					
	diretto			falda 1 [0 mq]			falda 2 [0 mq]		
carico	cp,dir	p,dir	Fv,dir	cpe,1	p,e1	F,e1	cpe,1	p,e1	F,e1
		[kN/m2]	[kN]		[kN/m2]	[kN]		[kN/m2]	[kN]

carichi vento parete n. 8									
vento dir. 0°	0	0	0	0	0	0	0	0	0
vento dir. 90°	0.77	0.6	13.08	0	0	0	0	0	0
vento dir. 180°	0	0	0	0	0	0	0	0	0
vento dir. 270°	0.44	0.34	7.48	0	0	0	0	0	0

carichi parete n. 9 - piano 2 ; fili : 4 - 5											
An = 12.3mq						Avd = 13.98mq					
		distribuito				totale					
carico	A	pp	perm	var	neve	pp	perm	var	neve	peso	massa s
tipo	infl.	[kN/m2]				[kN]				[kN]	
distrib. parete	12.3	1	0.5	0.5	0	12.3	6.15	6.15	0	24.6	18.45

carichi vento parete n. 9									
Avd = 13.98 mq				Asol = 0 mq					
	diretto			falda 1 [0 mq]			falda 2 [0 mq]		
carico	cp,dir	p,dir	Fv,dir	cpe,1	p,e1	F,e1	cpe,1	p,e1	F,e1
		[kN/m2]	[kN]		[kN/m2]	[kN]		[kN/m2]	[kN]
vento dir. 0°	0	0	0	0	0	0	0	0	0
vento dir. 90°	0	0	0	0	0	0	0	0	0
vento dir. 180°	0	0	0	0	0	0	0	0	0
vento dir. 270°	0	0	0	0	0	0	0	0	0

carichi parete n. 10 - piano 2 ; fili : 5 - 6											
An = 12.3mq						Avd = 13.98mq					
		distribuito				totale					
carico	A	pp	perm	var	neve	pp	perm	var	neve	peso	massa s
tipo	infl.	[kN/m2]				[kN]				[kN]	
distrib. parete	12.3	1	0.5	0.5	0	12.3	6.15	6.15	0	24.6	18.45

carichi vento parete n. 10									
Avd = 13.98 mq				Asol = 0 mq					
	diretto			falda 1 [0 mq]			falda 2 [0 mq]		
carico	cp,dir	p,dir	Fv,dir	cpe,1	p,e1	F,e1	cpe,1	p,e1	F,e1
		[kN/m2]	[kN]		[kN/m2]	[kN]		[kN/m2]	[kN]
vento dir. 0°	0	0	0	0	0	0	0	0	0
vento dir. 90°	0	0	0	0	0	0	0	0	0
vento dir. 180°	0	0	0	0	0	0	0	0	0
vento dir. 270°	0	0	0	0	0	0	0	0	0

carichi parete n. 11 - piano 2 ; fili : 7 - 9											
An = 19.89mq						Avd = 21.81mq					
		distribuito				totale					
carico	A	pp	perm	var	neve	pp	perm	var	neve	peso	massa s
tipo	infl.	[kN/m2]				[kN]				[kN]	
distrib. parete	19.89	1	0.5	0.5	0	19.89	9.94	9.94	0	39.78	29.83

carichi vento parete n. 11									
Avd = 21.81 mq				Asol = 0 mq					
	diretto			falda 1 [0 mq]			falda 2 [0 mq]		
carico	cp,dir	p,dir	Fv,dir	cpe,1	p,e1	F,e1	cpe,1	p,e1	F,e1
		[kN/m2]	[kN]		[kN/m2]	[kN]		[kN/m2]	[kN]
vento dir. 0°	0	0	0	0	0	0	0	0	0
vento dir. 90°	0.44	0.34	7.48	0	0	0	0	0	0
vento dir. 180°	0	0	0	0	0	0	0	0	0
vento dir. 270°	0.77	0.6	13.08	0	0	0	0	0	0

carichi parete n. 12 - piano 2 ; fili : 1 - 7											
An = 22.84mq						Avd = 24.76mq					
		distribuito				totale					
carico	A	pp	perm	var	neve	pp	perm	var	neve	peso	massa s
tipo	infl.	[kN/m2]				[kN]				[kN]	
distrib. parete	22.84	1	0.5	0.5	0	22.84	11.42	11.42	0	45.67	34.26
solaio di copertura	25.78	1	1	0.5	0.432	25.78	25.78	12.89	11.14	80	54.57

carichi vento parete n. 12									
Avd = 24.76 mq				Asol = 25.78 mq					
	diretto			falda 1 [12.89 mq]			falda 2 [12.89 mq]		
carico	cp,dir	p,dir	Fv,dir	cpe,1	p,e1	F,e1	cpe,1	p,e1	F,e1
		[kN/m2]	[kN]		[kN/m2]	[kN]		[kN/m2]	[kN]
vento dir. 0°	0.77	0.6	14.85	0	0	0	0	0	0
vento dir. 90°	0	0	0	-0.6	-0.47	-6.03	-0.3	-0.23	-3.01
vento dir. 180°	0.43	0.34	8.29	0	0	0	0	0	0
vento dir. 270°	0	0	0	-0.3	-0.23	-3.01	-0.6	-0.47	-6.03

carichi parete n. 13 - piano 2 ; fili : 2 - 8											
An = 21.4mq						Avd = 24.76mq					
		distribuito				totale					
carico	A	pp	perm	var	neve	pp	perm	var	neve	peso	massa s
tipo	infl.	[kN/m2]				[kN]				[kN]	
distrib. parete	21.4	1	0.5	0.5	0	21.4	10.7	10.7	0	42.79	32.1
solaio di copertura	37.5	1	1	0.5	0.432	37.5	37.5	18.75	16.2	114.36	78.01

carichi vento parete n. 13									
Avd = 24.76 mq				Asol = 37.5 mq					
	diretto			falda 1 [18.75 mq]			falda 2 [18.75 mq]		
carico	cp,dir	p,dir	Fv,dir	cpe,1	p,e1	F,e1	cpe,1	p,e1	F,e1
		[kN/m2]	[kN]		[kN/m2]	[kN]		[kN/m2]	[kN]
vento dir. 0°	0	0	0	0	0	0	0	0	0
vento dir. 90°	0	0	0	-0.6	-0.47	-8.77	-0.3	-0.23	-4.38
vento dir. 180°	0	0	0	0	0	0	0	0	0
vento dir. 270°	0	0	0	-0.3	-0.23	-4.38	-0.6	-0.47	-8.77

carichi parete n. 14 - piano 2 ; fili : 3 - 9

carichi parete n. 14 - piano 2 ; fili : 3 - 9											
An = 22.84mq						Avd = 24.76mq					
		distribuito				totale					
carico	A	pp	perm	var	neve	pp	perm	var	neve	peso	massa s
tipo	infl.	[kN/m2]				[kN]				[kN]	
distrib. parete	22.84	1	0.5	0.5	0	22.84	11.42	11.42	0	45.67	34.26
solaio di copertura	25.78	1	1	0.5	0.432	25.78	25.78	12.89	11.14	77.25	52.69

carichi vento parete n. 14									
Avd = 24.76 mq				Asol = 25.78 mq					
	diretto			falda 1 [12.89 mq]			falda 2 [12.89 mq]		
carico	cp,dir	p,dir	Fv,dir	cpe,1	p,e1	F,e1	cpe,1	p,e1	F,e1
		[kN/m2]	[kN]		[kN/m2]	[kN]		[kN/m2]	[kN]
vento dir. 0°	0.43	0.34	8.29	0	0	0	0	0	0
vento dir. 90°	0	0	0	-0.6	-0.47	-6.03	-0.3	-0.23	-3.01
vento dir. 180°	0.77	0.6	14.85	0	0	0	0	0	0
vento dir. 270°	0	0	0	-0.3	-0.23	-3.01	-0.6	-0.47	-6.03

4.6 - CONDIZIONI E COMBINAZIONI DI CALCOLO

CONDIZIONI DI CALCOLO					
num.	descrizione	durata	categoria	kmod	gM*
1	peso proprio	permanente	peso proprio	0.5	1.5
2	permanente	permanente	permanente	0.5	1.5
3	var. residenziale(A)	media durata	A	0.65	1.5
4	var. coperture(H)	media durata	H	0.65	1.5
5	neve<=1000 m	breve durata	neve<=1000 m	0.7	1.5
6	vento dir. 0°	istantaneo	vento	0.9	1.5
7	vento dir. 90°	istantaneo	vento	0.9	1.5
8	vento dir. 180°	istantaneo	vento	0.9	1.5
9	vento dir. 270°	istantaneo	vento	0.9	1.5
10	sisma dir.0°	istantaneo	eccez/sisma	1	1
11	sisma dir.90°	istantaneo	eccez/sisma	1	1
12	ecc.accid.sisma 0°	istantaneo	eccez/sisma	1	1
13	ecc.accid.sisma 90°	istantaneo	eccez/sisma	1	1

[*] il coeff. parziale di sicurezza del materiale in questa tabella è puramente indicativo e riferito a una classe del legno C24.

COMBINAZIONI DI CALCOLO 1/3																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
peso proprio	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1	1	1	1	1	1	1	1
permanente	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1	1	1	1	1	1	1	1
var. residenziale(A)	0	1.5	1.05	1.05	1.05	1.05	1.05	1.05	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
var. coperture(H)	0	0	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0
neve<=1000 m	0	0.75	0.75	1.5	0.75	0.75	0.75	0.75	0	0	0	0	0	0	0	0
vento dir. 0°	0	0	0	0	1.5	0	0	0	0	0	0	0	0	0	0	0

COMBINAZIONI DI CALCOLO 1/3

vento dir. 90°	0	0	0	0	0	1.5	0	0	0	0	0	0	0	0	0	0
vento dir. 180°	0	0	0	0	0	0	1.5	0	0	0	0	0	0	0	0	0
vento dir. 270°	0	0	0	0	0	0	0	1.5	0	0	0	0	0	0	0	0
sisma dir.0°	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
sisma dir.90°	0	0	0	0	0	0	0	0	0.3	0.3	0.3	0.3	-0.3	-0.3	-0.3	-0.3
ecc.accid.sisma 0°	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
ecc.accid.sisma 90°	0	0	0	0	0	0	0	0	0.3	0.3	0.3	0.3	-0.3	-0.3	-0.3	-0.3
durata	perm a	breve	breve	breve	istan	istan	istan	istan	istan	istan	istan	istan	istan	istan	istan	istan
tipo comb.	SLU	SLU	SLU	SLU	SLU	SLU	SLU	SLU	SLV	SLV	SLV	SLV	SLV	SLV	SLV	SLV

COMBINAZIONI DI CALCOLO 2/3

	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
peso proprio	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
permanente	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
var. residenziale(A)	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
var. coperture(H)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
neve<=1000 m	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vento dir. 0°	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vento dir. 90°	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vento dir. 180°	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vento dir. 270°	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
sisma dir.0°	-1	-1	-1	-1	-1	-1	-1	-1	0.3	0.3	0.3	0.3	-0.3	-0.3	-0.3	-0.3
sisma dir.90°	0.3	0.3	0.3	0.3	-0.3	-0.3	-0.3	-0.3	1	1	1	1	1	1	1	1
ecc.accid.sisma 0°	-1	-1	-1	-1	-1	-1	-1	-1	0.3	0.3	0.3	0.3	-0.3	-0.3	-0.3	-0.3
ecc.accid.sisma 90°	0.3	0.3	0.3	0.3	-0.3	-0.3	-0.3	-0.3	1	1	1	1	1	1	1	1
durata	istan	istan	istan	istan	istan	istan	istan	istan	istan	istan	istan	istan	istan	istan	istan	istan
tipo comb.	SLV	SLV	SLV	SLV	SLV	SLV	SLV	SLV	SLV	SLV	SLV	SLV	SLV	SLV	SLV	SLV

COMBINAZIONI DI CALCOLO 3/3

	33	34	35	36	37	38	39	40
peso proprio	1	1	1	1	1	1	1	1
permanente	1	1	1	1	1	1	1	1
var. residenziale(A)	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
var. coperture(H)	0	0	0	0	0	0	0	0
neve<=1000 m	0	0	0	0	0	0	0	0
vento dir. 0°	0	0	0	0	0	0	0	0
vento dir. 90°	0	0	0	0	0	0	0	0
vento dir. 180°	0	0	0	0	0	0	0	0
vento dir. 270°	0	0	0	0	0	0	0	0
sisma dir.0°	0.3	0.3	0.3	0.3	-0.3	-0.3	-0.3	-0.3
sisma dir.90°	-1	-1	-1	-1	-1	-1	-1	-1
ecc.accid.sisma 0°	0.3	0.3	0.3	0.3	-0.3	-0.3	-0.3	-0.3
ecc.accid.sisma 90°	-1	-1	-1	-1	-1	-1	-1	-1
durata	istan	istan	istan	istan	istan	istan	istan	istan
tipo comb.	SLV	SLV	SLV	SLV	SLV	SLV	SLV	SLV

5 - DATI DI OUTPUT

5.1 - BARICENTRI

BARICENTRI MASSA E RIGIDEZZA				
num.		1	2	numero piano
quota	m	2.7	5.4	quota dall'estradosso delle fondazioni
klat,X	kN/mm	75.61	71.57	rigidezza alla traslazione lungo X
klat,y	kN/mm	69.66	69.6	rigidezza alla traslazione lungo Y
krot	kNm	150*E04	149*E04	rigidezza torsionale
Pk	m	4 ; 4	4 ; 4	coordinate x, y baricentro rigidezza
Pg	m	4 ; 4	3.98 ; 4	coordinate x, y baricentro masse (comb. sismica)
Pgeom	m	0 ; 0	0 ; 0	coordinate x, y baricentro geometrico
massa sism.	kN	241.07	366.68	massa sismica del piano
peso	kN	574.77	776.38	peso del piano (calcolata per coeff. parz. = 1)

Regolarità in altezza

Verifica regolarità in altezza 1/2										
	massa : Non Verif.				rigidezza : OK					
piano	W [kN]	M [t]	Rid. [%]	Verifica	Kx [kN/m]	Rid. [%]	Verifica	Ky [kN/m]	Rid. [%]	Verifica
1	241	25	0%	OK	75606	0%	OK	69657	0%	OK
2	367	37	52.1%	NoVer	71571	-5.34%	OK	69596	-0.09%	OK

Verifica regolarità in altezza 2/2											
	rientri X : OK					rientri Y : OK					Contin.
piano	D_X [m]	Rid.1°p [%]	Verifica	Rid.p. prec [%]	Verifica	D_Y [m]	Rid.1°p [%]	Verifica	Rid.p. prec [%]	Verifica	elem vert
1	8	0%	OK	0%	OK	8	0%	OK	0%	OK	OK
2	8	0%	OK	0%	OK	8	0%	OK	0%	OK	OK

5.2 - FORZE SISMICHE E TAGLIANTI DI PIANO

PARAMETRI E FORZE SISMICHE (rif 7.3.6 - §7.3.3.2)				
		SLD	SLV	
Fh	[kN]	87.07	60.17	Forza sismica Fh = Sd(T1)*W*lamda/g (rif 7.3.6)
Se(T1)		0.143 g	0.099 g	ordinata spettro elastico Se(T1)
Sd(T1)		0.143g	0.033g	ordinata spettro di progetto Sd(T1)
W	[t]	60.776		peso/massa sismica complessiva della struttura
lamda		1		coeff. di struttura
T1		0.257 sec		periodo fondamentale della struttura
q		3		fattore di struttura q

TAGLIANTI E FORZE DI PIANO (rif 7.3.6 - §7.3.3.2)									
piano	quota	zi	wi	ecc,x	ecc,y	Fi,sld	Fi,slv	Vs,sld	Vs,slv
n.	[m]	[m]	t	[m]	[m]	kN	kN	kN	kN
1	2.7	2.7	24.11	0.39	0.4	21.54	14.89	87.07	60.17
2	5.4	5.4	36.67	0.39	0.42	65.53	45.28	65.53	45.28

5.3 - FORZE E TAGLIANTI DI PIANO RISULTANTI VENTO

Si riporta di seguito la sintesi delle risultanti del dell'azione del vento (componente orizzontale) trasmessa dalle pareti agli impalcati.

FORZE E TAGLIANTI DI PIANO RISULTANTI VENTO							
piano	quota	condizione	dir.	Vvx	ecc,Vvx	Vvy	ecc,Vvy
n.	[m]	vento		kN	m	kN	m
1	2.7	1 - vento dir. 0°	0°	32.75	0	0	0
		2 - vento dir. 90°	90°	0	0	30.74	0
		3 - vento dir. 180°	180°	32.75	0	0	0
		4 - vento dir. 270°	270°	0	0	30.74	0
2	5.4	1 - vento dir. 0°	0°	11.57	0	0	0
		2 - vento dir. 90°	90°	0	0	10.28	0
		3 - vento dir. 180°	180°	11.57	0	0	0
		4 - vento dir. 270°	270°	0	0	10.28	0

5.4 - CARATTERISTICHE RESISTENZA CONNESSIONI PARETI

Si riporta di seguito la tabella dei valori caratteristici di resistenza delle connessioni utilizzati nelle verifiche a taglio (chiodatura), scorrimento (barre filettate) e ribaltamento (holdown, tie-down) dei singoli maschi parete.

caratteristiche di resist. connessioni - legenda	
par. num	numero parete nel modello 3D
piano	numero del piano della parete
masc	numero del maschio-parete (porzione parete delimitata dalle aperture), crescente dal punto inziale a finale della parete
bi	lunghezza in pianta del maschio-parete
TAGLIO : resistenza a taglio chiodatura orizzontale pannello-telaio	
dxL	dimensioni chiodo (diam. x lunghezza)
Fe	acciaio chiodo
passo	passo chiodatura orizzontale pannello/legno
Vrk,tag	resistenza caratteristica a taglio del maschio-parete = 0 per le pareti con comportamento a pendolo (b/h < min)
RIBALTAMENTO : resistenza a trazione connessioni al piede all'estremità	
tipo conn	HD = HOLDOWN (pareti in fondazione) TD = TIE-DOWN (pareti in elevazione) tipo conn / numero TD/HD per connessione (su un solo lato o su due lati)
chiod	tipo connettore : 1 chiodo Anker d4,0x40 2 chiodo Anker d4,0x60 3 vite speciale d5,0x40 4 vite speciale d5,0x50

caratteristiche di resist. connessioni - legenda	
Nrk,s	resistenza caratteristica a trazione angolare (HD) o piastra (TD) per rottura della connessione piastra/legno/pannello/connettori
Nrk,j	resistenza caratteristica a trazione per rottura ancoraggio (HD) o della piastra (TD)
SCORRIMENTO : resistenza a taglio unione legno (telaio)-legno (trave cordolo) con barra filettata	
tipo	tipo connettore (barra filettata)
num	numero di connettori per maschio
Vrk,scor	resistenza caratteristica a scorrimento del maschio

CARATTERISTICHE DI RESISTENZA CONNESSIONI

				taglio				ribaltamento				scorrimento		
par.	piano	masc	bi	dxL	Fe	passo	Vrk,tag	tipo	chiod	Nrk,s	Nrk,j	tipo	num	Vrk,scor
num	num	num	[m]		[mm]	[mm]	[kN]	conn	tipo	[kN]	[kN]	conn	conn	[kN]
1	1	1	1.2	3.1x50	S235	80	55.75	HD/1	2	47.1	27.1	1	2	17.54
		2	2.4	3.1x50	S235	80	47.62	HD/1	2	47.1	27.1	1	3	26.31
		3	2.8	3.1x50	S235	80	60.01	HD/1	2	47.1	27.1	1	3	26.31
2	1	1	1.2	3.1x50	S235	80	55.75	HD/1	2	47.1	27.1	1	2	17.54
		2	1.71	3.1x50	S235	80	31.1	HD/1	2	47.1	27.1	1	2	17.54
3	1	1	1.2	3.1x50	S235	80	55.75	HD/1	2	47.1	27.1	1	2	17.54
		2	1.71	3.1x50	S235	80	31.1	HD/1	2	47.1	27.1	1	2	17.54
4	1	1	1.2	3.1x50	S235	80	55.75	HD/1	2	47.1	27.1	1	2	17.54
		2	2.4	3.1x50	S235	80	47.62	HD/1	2	47.1	27.1	1	3	26.31
		3	2.8	3.1x50	S235	80	60.01	HD/1	2	47.1	27.1	1	3	26.31
5	1	1	1.2	3.1x50	S235	80	55.75	HD/1	2	47.1	27.1	1	2	17.54
		2	2.4	3.1x50	S235	80	47.62	HD/1	2	47.1	27.1	1	3	26.31
		3	2.41	3.1x50	S235	80	50.68	HD/1	2	47.1	27.1	1	3	26.31
6	1	1	1.2	3.1x50	S235	80	55.75	HD/1	2	47.1	27.1	1	2	17.54
		2	2.4	3.1x50	S235	80	47.62	HD/1	2	47.1	27.1	1	3	26.31
		3	2.41	3.1x50	S235	80	50.68	HD/1	2	47.1	27.1	1	3	26.31
7	1	1	1.2	3.1x50	S235	80	55.75	HD/1	2	47.1	27.1	1	2	17.54
		2	2.4	3.1x50	S235	80	47.62	HD/1	2	47.1	27.1	1	3	26.31
		3	2.41	3.1x50	S235	80	50.68	HD/1	2	47.1	27.1	1	3	26.31
8	2	1	1.2	3.1x50	S235	80	55.17	TD/1	1	17.31	23.62	1	2	35.08
		2	2.4	3.1x50	S235	80	47.62	TD/1	1	17.31	23.62	1	3	52.62
		3	2.8	3.1x50	S235	80	59.88	TD/1	1	17.31	23.62	1	3	52.62
9	2	1	1.2	3.1x50	S235	80	38.83	TD/1	1	17.31	23.62	1	2	35.08
		2	1.71	3.1x50	S235	80	23	TD/1	1	17.31	23.62	1	2	35.08
10	2	1	1.2	3.1x50	S235	80	38.83	TD/1	1	17.31	23.62	1	2	35.08
		2	1.71	3.1x50	S235	80	23	TD/1	1	17.31	23.62	1	2	35.08
11	2	1	1.2	3.1x50	S235	80	55.17	TD/1	1	17.31	23.62	1	2	35.08
		2	2.4	3.1x50	S235	80	47.62	TD/1	1	17.31	23.62	1	3	52.62
		3	2.8	3.1x50	S235	80	59.88	TD/1	1	17.31	23.62	1	3	52.62
12	2	1	1.2	3.1x50	S235	80	54.76	TD/1	1	17.31	23.62	1	2	35.08
		2	2.4	3.1x50	S235	80	47.62	TD/1	1	17.31	23.62	1	3	52.62
		3	2.41	3.1x50	S235	80	50.46	TD/1	1	17.31	23.62	1	3	52.62
13	2	1	1.2	3.1x50	S235	80	54.76	TD/1	1	17.31	23.62	1	2	35.08
		2	2.4	3.1x50	S235	80	47.62	TD/1	1	17.31	23.62	1	3	52.62

CARATTERISTICHE DI RESISTENZA CONNESSIONI														
		3	2.41	3.1x50	S235	80	50.46	TD/1	1	17.31	23.62	1	3	52.62
14	2	1	1.2	3.1x50	S235	80	54.76	TD/1	1	17.31	23.62	1	2	35.08
		2	2.4	3.1x50	S235	80	47.62	TD/1	1	17.31	23.62	1	3	52.62
		3	2.41	3.1x50	S235	80	50.46	TD/1	1	17.31	23.62	1	3	52.62

verifica pareti - legenda	
generale	
maschio	porzione parete delimitata da due aperture/estremità
comb.	numero di combinazione di carichi (più gravosa nel caso di tabulato di sintesi) SO = verifica sisma ortogonale
csic	coeff. di sicurezza
Vsd	sollecitazione taglio di progetto (taglio/scorrimento)
Vsp	sollecitazione taglio di progetto sismico per sisma parallelo (ipotesi di impalcati non rigidi). Le verifiche sono condotte per V = max(Vsd, Vsp). 0 = sisma parallelo non attivato
Vrd	taglio resistente di progetto (taglio/scorrimento)
Ncsd	massima sollecitazione di compressione di progetto sul singolo montante (presso-flessione)
Ncrd	resistenza di progetto a compressione del singolo montante (presso-flessione)
Ntsd	sollecitazione massima di progetto a trazione agente sulle connessioni holdown o tie-down (ribaltamento)
Ntrd	resistenza di progetto a trazione della connessione holdown o tie-down (ribaltamento)
csic,min	coeff. di sicurezza minimo
status	status di verifica
presso-flessione fuori piano e sisma-ortogonale	
kmod	fattore di modifica per la combinazione di carico
gm	coeff. parziale materiale per la combinazione di carico
h	altezza del montante soggetto a verifica
kmx	fattore di instabilità flessionale del montante
kcx	fattore di instabilità della colonna (montante)
Nsd	sforzo normale di progetto agente sul montante
Msd	momento Mx di progetto agente nella mezzeria del montante (q*L*L/8)
cpf	coeff. di verifica a presso-flessione (<=0 Verifica)
verifica ingobbamento del pannello (OK se bnet/t < 100)	
bnet	distanza netta tra due montanti successivi
t	spessore del pannello
verifica distanze connettori	
a1t	interasse chiodatura sulla trave del telaio
a1m	interasse chiodatura sul montante del telaio
a1,min	interasse chiodatura minimo
a4t	distanza chiodatura dal bordo della trave del telaio
a4m	distanza chiodatura dal bordo del montante del telaio
a4min	distanza minima chiodatura dal bordo del telaio
a4	distanza connettore a scorrimento dal bordo della trave di telaio
tipo conn	tipo connessione: TD = tie-down / HD = holdown

5.5 - SINTESI VERIFICHE PARETI A TAGLIO - SCORRIMENTO

Verifica pareti a taglio e scorrimento - VERIFICA : c,sic,min = 1.45

Verifica pareti a taglio e scorrimento - VERIFICA : c,sic,min = 1.45

				taglio - OK : c,min = 5.42				scorrimento - OK : c,min = 1.45						
parete	piano	mas	Vsp	comb.	Vsd	Vrd	csic	comb.	n.conn	Vsd	Vrd	csic	csic	status
num	num	chio	[kN]	num.	[kN]	[kN]		num	scorr	[kN]	[kN]		min	ver.
1	1	1		5	3.87	40.9	10.6	9	2	4.74	19.3	2.04	2.04	OK
		2		5	5.61	34.9	6.22	9	3	6.88	28.9	2.1	2.1	OK
		3		5	7.36	44	5.98	9	3	9.02	28.9	1.6	1.6	OK
2	1	1		5	3.87	40.9	10.6	9	2	4.74	19.3	2.04	2.04	OK
		2		5	3.87	22.8	5.9	9	2	4.74	19.3	2.04	2.04	OK
3	1	1		5	3.87	40.9	10.6	9	2	4.74	19.3	2.04	2.04	OK
		2		5	3.87	22.8	5.9	9	2	4.74	19.3	2.04	2.04	OK
4	1	1		5	3.87	40.9	10.6	13	2	4.74	19.3	2.04	2.04	OK
		2		5	5.61	34.9	6.22	13	3	6.88	28.9	2.1	2.1	OK
		3		5	7.36	44	5.98	13	3	9.02	28.9	1.6	1.6	OK
5	1	1	3.88	25	6.66	61.3	9.2	25	2	6.66	19.3	1.45	1.45	OK
		2	5.63	25	9.67	52.4	5.42	25	3	9.67	28.9	1.5	1.5	OK
		3	5.63	25	9.67	55.7	5.76	25	3	9.67	28.9	1.5	1.5	OK
6	1	1		6	3.94	40.9	10.4	9	2	1.54	19.3	1.88	1.88	OK
		2		6	5.72	34.9	6.11	9	3	2.24	28.9	1.94	1.94	OK
		3		6	5.72	37.2	6.5	9	3	2.24	28.9	1.94	1.94	OK
7	1	1	3.82	25	6.66	61.3	9.2	25	2	6.66	19.3	1.45	1.45	OK
		2	5.54	25	9.67	52.4	5.42	25	3	9.67	28.9	1.5	1.5	OK
		3	5.54	25	9.67	55.7	5.76	25	3	9.67	28.9	1.5	1.5	OK
8	2	1	0.85	9	3.75	60.7	16.2	9	2	3.75	38.6	5.14	5.14	OK
		2	1.23	9	5.45	52.4	9.62	9	3	5.45	57.9	5.31	5.31	OK
		3	1.61	9	7.14	65.9	9.22	9	3	7.14	57.9	4.05	4.05	OK
9	2	1	1.14	9	3.16	42.7	13.5	9	2	3.16	38.6	6.11	6.11	OK
		2	1.14	9	3.16	25.3	8.01	9	2	3.16	38.6	6.11	6.11	OK
10	2	1	1.14	9	3.16	42.7	13.5	9	2	3.16	38.6	6.11	6.11	OK
		2	1.14	9	3.16	25.3	8.01	9	2	3.16	38.6	6.11	6.11	OK
11	2	1	0.85	13	3.75	60.7	16.2	13	2	3.75	38.6	5.14	5.14	OK
		2	1.23	13	5.45	52.4	9.62	13	3	5.45	57.9	5.31	5.31	OK
		3	1.61	13	7.14	65.9	9.22	13	3	7.14	57.9	4.05	4.05	OK
12	2	1	2.81	25	5	60.2	12	25	2	5	38.6	3.86	3.86	OK
		2	4.08	25	7.28	52.4	7.2	25	3	7.28	57.9	3.98	3.98	OK
		3	4.08	25	7.27	55.5	7.63	25	3	7.27	57.9	3.98	3.98	OK
13	2	1	3.48	25	3.86	60.2	15.6	25	2	3.86	38.6	4.99	4.99	OK
		2	5.06	25	5.62	52.4	9.32	25	3	5.62	57.9	5.15	5.15	OK
		3	5.06	25	5.61	55.5	9.89	25	3	5.61	57.9	5.16	5.16	OK
14	2	1	2.75	25	5	60.2	12	25	2	5	38.6	3.86	3.86	OK
		2	4	25	7.28	52.4	7.2	25	3	7.28	57.9	3.98	3.98	OK
		3	3.99	25	7.27	55.5	7.63	25	3	7.27	57.9	3.98	3.98	OK

5.6 - SINTESI VERIFICHE PARETI A PRESSO-FLESSIONE E RIBALTAMENTO

Verifica pareti a presso-flessione e ribaltamento - VERIFICA : c,sic,min = 1.3

Verifica pareti a presso-flessione e ribaltamento - VERIFICA : c,sic,min = 1.3

				presso-fless. - OK : c,min = 5.21				ribaltamento - OK : c,min = 1.3					
parete	piano	mas	Vsp	comb.	Nsd	Nrd	csic	comb.	Ntsd	Ntrd	csic	csic	status
num	num	chio	[kN]	num.	[kN]	[kN]		num	[kN]	[kN]		min	ver.
1	1	1		5	10.5	162	15.4	9	13.7	27.1	1.98	1.98	OK
		2		5	7.78	162	20.8	9	7.06	27.1	3.84	3.84	OK
		3		5	7.96	162	20.3	9	7.93	27.1	3.42	3.42	OK
2	1	1		5	11.3	162	14.3	9	12.9	27.1	2.1	2.1	OK
		2		5	7.89	162	20.5	9	6.84	27.1	3.96	3.96	OK
3	1	1		5	11.3	162	14.3	9	12.9	27.1	2.1	2.1	OK
		2		5	7.89	162	20.5	9	6.84	27.1	3.96	3.96	OK
4	1	1		5	10.5	162	15.4	13	13.7	27.1	1.98	1.98	OK
		2		5	7.78	162	20.8	13	7.06	27.1	3.84	3.84	OK
		3		5	7.96	162	20.3	13	7.93	27.1	3.42	3.42	OK
5	1	1		1	12.2	88.2	7.22	25	13.7	27.1	1.98	1.98	OK
		2		1	9.69	88.2	9.1	25	9.92	27.1	2.73	2.73	OK
		3		1	8.4	88.2	10.5	25	9.89	27.1	2.74	2.74	OK
6	1	1		2	25.4	132	5.21	25	10.6	27.1	2.57	2.57	OK
		2		2	19.6	132	6.74	25	7.66	27.1	3.54	3.54	OK
		3		2	17.3	132	7.66	25	7.63	27.1	3.55	3.55	OK
7	1	1		1	12.2	88.2	7.22	25	13.7	27.1	1.98	1.98	OK
		2		1	9.69	88.2	9.1	25	9.92	27.1	2.73	2.73	OK
		3		1	8.4	88.2	10.5	25	9.89	27.1	2.74	2.74	OK
8	2	1	1.69	9	10.8	234	21.8	9	12.7	19	1.5	1.5	OK
		2	2.46	9	7.85	234	29.8	9	5.65	19	3.37	3.37	OK
		3	3.22	9	8.57	234	27.3	9	6.52	19	2.92	2.92	OK
9	2	1	2.28	9	10.1	154	15.2	9	14.6	19	1.3	1.3	OK
		2	2.28	9	7.05	154	21.8	9	7.64	19	2.49	2.49	OK
10	2	1	2.28	9	10.1	154	15.2	9	14.6	19	1.3	1.3	OK
		2	2.28	9	7.05	154	21.8	9	7.64	19	2.49	2.49	OK
11	2	1	1.69	13	10.8	234	21.8	13	12.7	19	1.5	1.5	OK
		2	2.46	13	7.85	234	29.8	13	5.65	19	3.37	3.37	OK
		3	3.22	13	8.57	234	27.3	13	6.52	19	2.92	2.92	OK
12	2	1		1	6.88	84.7	12.3	25	14.4	19	1.32	1.32	OK
		2		1	5.68	84.7	14.9	25	7.6	19	2.5	2.5	OK
		3		1	4.79	84.7	17.7	25	7.57	19	2.51	2.51	OK
13	2	1		1	8.57	84.7	9.89	25	8.07	19	2.36	2.36	OK
		2		1	6.85	84.7	12.4	25	5.87	19	3.24	3.24	OK
		3		1	5.87	84.7	14.4	25	5.85	19	3.26	3.26	OK
14	2	1		1	6.88	84.7	12.3	25	14.2	19	1.34	1.34	OK
		2		1	5.68	84.7	14.9	25	7.6	19	2.5	2.5	OK
		3		1	4.79	84.7	17.7	25	7.57	19	2.51	2.51	OK

5.7 - SINTESI VERIFICHE PARETI A PRESSO-FLESSIONE FUORI PIANO

Verifica pareti a presso-flessione fuori piano - VERIFICA : c,sic,min = 4.3

Verifica pareti a presso-flessione fuori piano - VERIFICA : c,sic,min = 4.3													
parete	piano	masch.	comb.	kmod	gamma ,s	h	kmx	kcx	Nsd	Msd	cpf	csic	status
num	num	num	num			[m]			[kN]	[kNm]			ver.
1	1	1	6	1.1	1.5	2.3	1	0.8	5.97	0.36	0.09	11.1	OK
		2	6	1.1	1.5	2.3	1	0.8	4.48	0.36	0.08	12.2	OK
		3	6	1.1	1.5	2.3	1	0.8	4.25	0.36	0.08	12.3	OK
2	1	1	1	0.4	1.5	2.3	1	0.8	5.4	0	0.08	13.3	OK
		2	1	0.4	1.5	2.3	1	0.8	3.74	0	0.05	19.2	OK
3	1	1	1	0.4	1.5	2.3	1	0.8	5.4	0	0.08	13.3	OK
		2	1	0.4	1.5	2.3	1	0.8	3.74	0	0.05	19.2	OK
4	1	1	8	1.1	1.5	2.3	1	0.8	5.97	0.36	0.09	11.1	OK
		2	8	1.1	1.5	2.3	1	0.8	4.48	0.36	0.08	12.2	OK
		3	8	1.1	1.5	2.3	1	0.8	4.25	0.36	0.08	12.3	OK
5	1	1	1	0.4	1.5	2.3	1	0.8	12.2	0	0.17	5.86	OK
		2	1	0.4	1.5	2.3	1	0.8	9.69	0	0.14	7.4	OK
		3	1	0.4	1.5	2.3	1	0.8	8.4	0	0.12	8.53	OK
6	1	1	1	0.4	1.5	2.3	1	0.8	16.7	0	0.23	4.3	OK
		2	1	0.4	1.5	2.3	1	0.8	12.9	0	0.18	5.55	OK
		3	1	0.4	1.5	2.3	1	0.8	11.4	0	0.16	6.31	OK
7	1	1	1	0.4	1.5	2.3	1	0.8	12.2	0	0.17	5.86	OK
		2	1	0.4	1.5	2.3	1	0.8	9.69	0	0.14	7.4	OK
		3	1	0.4	1.5	2.3	1	0.8	8.4	0	0.12	8.53	OK
8	2	1	6	1.1	1.5	2.33	1	0.79	3	0.37	0.08	13.2	OK
		2	6	1.1	1.5	2.33	1	0.79	2.25	0.37	0.07	13.8	OK
		3	6	1.1	1.5	2.33	1	0.79	2.14	0.37	0.07	14	OK
9	2	1	1	0.4	1.5	3.37	1	0.52	3.29	0	0.05	21.8	OK
		2	1	0.4	1.5	3.37	1	0.52	2.25	0	0.03	31.8	OK
10	2	1	1	0.4	1.5	3.37	1	0.52	3.29	0	0.05	21.8	OK
		2	1	0.4	1.5	3.37	1	0.52	2.25	0	0.03	31.8	OK
11	2	1	8	1.1	1.5	2.33	1	0.79	3	0.37	0.08	13.2	OK
		2	8	1.1	1.5	2.33	1	0.79	2.25	0.37	0.07	13.8	OK
		3	8	1.1	1.5	2.33	1	0.79	2.14	0.37	0.07	14	OK
12	2	1	5	1.1	1.5	2.34	1	0.79	8.05	0.37	0.1	9.75	OK
		2	5	1.1	1.5	2.34	1	0.79	6.69	0.37	0.1	10.5	OK
		3	5	1.1	1.5	2.34	1	0.79	5.62	0.37	0.09	11.1	OK
13	2	1	1	0.4	1.5	2.34	1	0.79	8.57	0	0.12	8.37	OK
		2	1	0.4	1.5	2.34	1	0.79	6.85	0	0.1	10.5	OK
		3	1	0.4	1.5	2.34	1	0.79	5.87	0	0.08	12.2	OK
14	2	1	7	1.1	1.5	2.34	1	0.79	8.05	0.37	0.1	9.75	OK
		2	7	1.1	1.5	2.34	1	0.79	6.69	0.37	0.1	10.5	OK
		3	7	1.1	1.5	2.34	1	0.79	5.62	0.37	0.09	11.1	OK

5.8 - VERIFICHE TAGLIO-RIBALTAMENTO-PRESSOFLESSIONE E SCORRIMENTO

Verifica parete n. 1 - piano 1 ; fili : 1 - 3

Verifica parete n. 1 - piano 1 ; fili : 1 - 3

		taglio			presso-fles			ribalt			scorr				
		OK:csic = 10.6			OK:csic = 15.4			OK:csic = 1.98			OK:csic = 2.04				
mas	comb.	Vsd	Vrd	csic	Ncsd	Ncrd	csic	Ntsd	Ntrd	cisc	Vsd	Vrd	csic	csic	status
chio	num.	[kN]	[kN]		[kN]	[kN]		[kN]	[kN]		[kN]	[kN]		min	ver.
1	1	0	14.9	999	4.8	88.2	18.6	0	18.8	1884	0	7	999	18.6	OK
2		0	12.7	999	3.6	88.2	24.8	0	18.8	1884	0	10.5	999	24.8	OK
3		0	16	999	3.4	88.2	26.1	0	18.8	1884	0	10.5	999	26.1	OK
1	2	0	33.5	999	6.5	132.4	20.4	0	27.1	2710	0	10.5	999	20.4	OK
2		0	28.6	999	4.9	132.4	27.2	0	27.1	2710	0	15.8	999	27.2	OK
3		0	36	999	4.6	132.4	28.6	0	27.1	2710	0	15.8	999	28.6	OK
1	3	0	33.5	999	6	132.4	22.2	0	27.1	2710	0	10.5	999	22.2	OK
2		0	28.6	999	4.5	132.4	29.6	0	27.1	2710	0	15.8	999	29.6	OK
3		0	36	999	4.2	132.4	31.1	0	27.1	2710	0	15.8	999	31.1	OK
1	4	0	33.5	999	6	132.4	22.2	0	27.1	2710	0	10.5	999	22.2	OK
2		0	28.6	999	4.5	132.4	29.6	0	27.1	2710	0	15.8	999	29.6	OK
3		0	36	999	4.2	132.4	31.1	0	27.1	2710	0	15.8	999	31.1	OK
1	5	3.9	40.9	10.6	10.5	161.8	15.4	0	27.1	2710	3.9	12.9	3.33	3.33	OK
2		5.6	34.9	6.22	7.8	161.8	20.8	0	27.1	2710	5.6	19.3	3.44	3.44	OK
3		7.4	44	5.98	8	161.8	20.3	0	27.1	2710	7.4	19.3	2.62	2.62	OK
1	6	0	40.9	999	6	161.8	27.1	0	27.1	2710	0	12.9	999	27.1	OK
2		0	34.9	999	4.5	161.8	36.1	0	27.1	2710	0	19.3	999	36.1	OK
3		0	44	999	4.2	161.8	38	0	27.1	2710	0	19.3	999	38	OK
1	7	3.9	40.9	10.6	10.5	161.8	15.4	0	27.1	2710	3.9	12.9	3.33	3.33	OK
2		5.6	34.9	6.22	7.8	161.8	20.8	0	27.1	2710	5.6	19.3	3.44	3.44	OK
3		7.4	44	5.98	8	161.8	20.3	0	27.1	2710	7.4	19.3	2.62	2.62	OK
1	8	0	40.9	999	6	161.8	27.1	0	27.1	2710	0	12.9	999	27.1	OK
2		0	34.9	999	4.5	161.8	36.1	0	27.1	2710	0	19.3	999	36.1	OK
3		0	44	999	4.2	161.8	38	0	27.1	2710	0	19.3	999	38	OK
1	9	4.7	61.3	12.9	15	242.6	16.2	13.7	27.1	1.98	4.7	19.3	2.04	1.98	OK
2		6.9	52.4	7.62	11	242.6	22.1	7.1	27.1	3.84	6.9	28.9	2.1	2.1	OK
3		9	66	7.32	11.8	242.6	20.5	7.9	27.1	3.42	9	28.9	1.6	1.6	OK
1	10	4.7	61.3	12.9	15	242.6	16.2	13.7	27.1	1.98	4.7	19.3	2.04	1.98	OK
2		6.9	52.4	7.62	11	242.6	22.1	7.1	27.1	3.84	6.9	28.9	2.1	2.1	OK
3		9	66	7.32	11.8	242.6	20.5	7.9	27.1	3.42	9	28.9	1.6	1.6	OK
1	11	4.7	61.3	12.9	15	242.6	16.2	13.7	27.1	1.98	4.7	19.3	2.04	1.98	OK
2		6.9	52.4	7.62	11	242.6	22.1	7.1	27.1	3.84	6.9	28.9	2.1	2.1	OK
3		9	66	7.32	11.8	242.6	20.5	7.9	27.1	3.42	9	28.9	1.6	1.6	OK
1	12	4.7	61.3	12.9	15	242.6	16.2	13.7	27.1	1.98	4.7	19.3	2.04	1.98	OK
2		6.9	52.4	7.62	11	242.6	22.1	7.1	27.1	3.84	6.9	28.9	2.1	2.1	OK
3		9	66	7.32	11.8	242.6	20.5	7.9	27.1	3.42	9	28.9	1.6	1.6	OK
1	13	4.7	61.3	13	15	242.6	16.2	13.7	27.1	1.98	4.7	19.3	2.04	1.98	OK
2		6.9	52.4	7.63	11	242.6	22.2	7	27.1	3.85	6.9	28.9	2.11	2.11	OK
3		9	66	7.33	11.8	242.6	20.6	7.9	27.1	3.42	9	28.9	1.61	1.61	OK
1	14	4.7	61.3	13	15	242.6	16.2	13.7	27.1	1.98	4.7	19.3	2.04	1.98	OK
2		6.9	52.4	7.63	11	242.6	22.2	7	27.1	3.85	6.9	28.9	2.11	2.11	OK
3		9	66	7.33	11.8	242.6	20.6	7.9	27.1	3.42	9	28.9	1.61	1.61	OK
1	15	4.7	61.3	13	15	242.6	16.2	13.7	27.1	1.98	4.7	19.3	2.04	1.98	OK

Verifica parete n. 1 - piano 1 ; fili : 1 - 3

2		6.9	52.4	7.63	11	242.6	22.2	7	27.1	3.85	6.9	28.9	2.11	2.11	OK
3		9	66	7.33	11.8	242.6	20.6	7.9	27.1	3.42	9	28.9	1.61	1.61	OK
1	16	4.7	61.3	13	15	242.6	16.2	13.7	27.1	1.98	4.7	19.3	2.04	1.98	OK
2		6.9	52.4	7.63	11	242.6	22.2	7	27.1	3.85	6.9	28.9	2.11	2.11	OK
3		9	66	7.33	11.8	242.6	20.6	7.9	27.1	3.42	9	28.9	1.61	1.61	OK
1	17	-4.7	61.3	13	15	242.6	16.2	13.7	27.1	1.98	-4.7	19.3	2.04	1.98	OK
2		-6.9	52.4	7.63	11	242.6	22.2	7	27.1	3.85	-6.9	28.9	2.11	2.11	OK
3		-9	66	7.33	11.8	242.6	20.6	7.9	27.1	3.42	-9	28.9	1.61	1.61	OK
1	18	-4.7	61.3	13	15	242.6	16.2	13.7	27.1	1.98	-4.7	19.3	2.04	1.98	OK
2		-6.9	52.4	7.63	11	242.6	22.2	7	27.1	3.85	-6.9	28.9	2.11	2.11	OK
3		-9	66	7.33	11.8	242.6	20.6	7.9	27.1	3.42	-9	28.9	1.61	1.61	OK
1	19	-4.7	61.3	13	15	242.6	16.2	13.7	27.1	1.98	-4.7	19.3	2.04	1.98	OK
2		-6.9	52.4	7.63	11	242.6	22.2	7	27.1	3.85	-6.9	28.9	2.11	2.11	OK
3		-9	66	7.33	11.8	242.6	20.6	7.9	27.1	3.42	-9	28.9	1.61	1.61	OK
1	20	-4.7	61.3	13	15	242.6	16.2	13.7	27.1	1.98	-4.7	19.3	2.04	1.98	OK
2		-6.9	52.4	7.63	11	242.6	22.2	7	27.1	3.85	-6.9	28.9	2.11	2.11	OK
3		-9	66	7.33	11.8	242.6	20.6	7.9	27.1	3.42	-9	28.9	1.61	1.61	OK
1	21	-4.7	61.3	12.9	15	242.6	16.2	13.7	27.1	1.98	-4.7	19.3	2.04	1.98	OK
2		-6.9	52.4	7.62	11	242.6	22.1	7.1	27.1	3.84	-6.9	28.9	2.1	2.1	OK
3		-9	66	7.32	11.8	242.6	20.5	7.9	27.1	3.42	-9	28.9	1.6	1.6	OK
1	22	-4.7	61.3	12.9	15	242.6	16.2	13.7	27.1	1.98	-4.7	19.3	2.04	1.98	OK
2		-6.9	52.4	7.62	11	242.6	22.1	7.1	27.1	3.84	-6.9	28.9	2.1	2.1	OK
3		-9	66	7.32	11.8	242.6	20.5	7.9	27.1	3.42	-9	28.9	1.6	1.6	OK
1	23	-4.7	61.3	12.9	15	242.6	16.2	13.7	27.1	1.98	-4.7	19.3	2.04	1.98	OK
2		-6.9	52.4	7.62	11	242.6	22.1	7.1	27.1	3.84	-6.9	28.9	2.1	2.1	OK
3		-9	66	7.32	11.8	242.6	20.5	7.9	27.1	3.42	-9	28.9	1.6	1.6	OK
1	24	-4.7	61.3	12.9	15	242.6	16.2	13.7	27.1	1.98	-4.7	19.3	2.04	1.98	OK
2		-6.9	52.4	7.62	11	242.6	22.1	7.1	27.1	3.84	-6.9	28.9	2.1	2.1	OK
3		-9	66	7.32	11.8	242.6	20.5	7.9	27.1	3.42	-9	28.9	1.6	1.6	OK
1	25	1.4	61.3	42.7	8.7	242.6	27.9	3	27.1	9.18	1.4	19.3	6.72	6.72	OK
2		2.1	52.4	25.2	5.7	242.6	42.4	2.1	27.1	12.6	2.1	28.9	6.95	6.95	OK
3		2.7	66	24.2	5.9	242.6	41.2	2.4	27.1	11.3	2.7	28.9	5.3	5.3	OK
1	26	1.4	61.3	42.7	8.7	242.6	27.9	3	27.1	9.18	1.4	19.3	6.72	6.72	OK
2		2.1	52.4	25.2	5.7	242.6	42.4	2.1	27.1	12.6	2.1	28.9	6.95	6.95	OK
3		2.7	66	24.2	5.9	242.6	41.2	2.4	27.1	11.3	2.7	28.9	5.3	5.3	OK
1	27	1.4	61.3	42.7	8.7	242.6	27.9	3	27.1	9.18	1.4	19.3	6.72	6.72	OK
2		2.1	52.4	25.2	5.7	242.6	42.4	2.1	27.1	12.6	2.1	28.9	6.95	6.95	OK
3		2.7	66	24.2	5.9	242.6	41.2	2.4	27.1	11.3	2.7	28.9	5.3	5.3	OK
1	28	1.4	61.3	42.7	8.7	242.6	27.9	3	27.1	9.18	1.4	19.3	6.72	6.72	OK
2		2.1	52.4	25.2	5.7	242.6	42.4	2.1	27.1	12.6	2.1	28.9	6.95	6.95	OK
3		2.7	66	24.2	5.9	242.6	41.2	2.4	27.1	11.3	2.7	28.9	5.3	5.3	OK
1	29	-1.4	61.3	43.6	8.7	242.6	28	2.9	27.1	9.37	-1.4	19.3	6.86	6.86	OK
2		-2	52.4	25.7	5.7	242.6	42.7	2.1	27.1	12.9	-2	28.9	7.09	7.09	OK
3		-2.7	66	24.7	5.8	242.6	41.5	2.4	27.1	11.5	-2.7	28.9	5.41	5.41	OK
1	30	-1.4	61.3	43.6	8.7	242.6	28	2.9	27.1	9.37	-1.4	19.3	6.86	6.86	OK
2		-2	52.4	25.7	5.7	242.6	42.7	2.1	27.1	12.9	-2	28.9	7.09	7.09	OK
3		-2.7	66	24.7	5.8	242.6	41.5	2.4	27.1	11.5	-2.7	28.9	5.41	5.41	OK

Verifica parete n. 1 - piano 1 ; fili : 1 - 3															
1	31	-1.4	61.3	43.6	8.7	242.6	28	2.9	27.1	9.37	-1.4	19.3	6.86	6.86	OK
2		-2	52.4	25.7	5.7	242.6	42.7	2.1	27.1	12.9	-2	28.9	7.09	7.09	OK
3		-2.7	66	24.7	5.8	242.6	41.5	2.4	27.1	11.5	-2.7	28.9	5.41	5.41	OK
1	32	-1.4	61.3	43.6	8.7	242.6	28	2.9	27.1	9.37	-1.4	19.3	6.86	6.86	OK
2		-2	52.4	25.7	5.7	242.6	42.7	2.1	27.1	12.9	-2	28.9	7.09	7.09	OK
3		-2.7	66	24.7	5.8	242.6	41.5	2.4	27.1	11.5	-2.7	28.9	5.41	5.41	OK
1	33	1.4	61.3	43.6	8.7	242.6	28	2.9	27.1	9.37	1.4	19.3	6.86	6.86	OK
2		2	52.4	25.7	5.7	242.6	42.7	2.1	27.1	12.9	2	28.9	7.09	7.09	OK
3		2.7	66	24.7	5.8	242.6	41.5	2.4	27.1	11.5	2.7	28.9	5.41	5.41	OK
1	34	1.4	61.3	43.6	8.7	242.6	28	2.9	27.1	9.37	1.4	19.3	6.86	6.86	OK
2		2	52.4	25.7	5.7	242.6	42.7	2.1	27.1	12.9	2	28.9	7.09	7.09	OK
3		2.7	66	24.7	5.8	242.6	41.5	2.4	27.1	11.5	2.7	28.9	5.41	5.41	OK
1	35	1.4	61.3	43.6	8.7	242.6	28	2.9	27.1	9.37	1.4	19.3	6.86	6.86	OK
2		2	52.4	25.7	5.7	242.6	42.7	2.1	27.1	12.9	2	28.9	7.09	7.09	OK
3		2.7	66	24.7	5.8	242.6	41.5	2.4	27.1	11.5	2.7	28.9	5.41	5.41	OK
1	36	1.4	61.3	43.6	8.7	242.6	28	2.9	27.1	9.37	1.4	19.3	6.86	6.86	OK
2		2	52.4	25.7	5.7	242.6	42.7	2.1	27.1	12.9	2	28.9	7.09	7.09	OK
3		2.7	66	24.7	5.8	242.6	41.5	2.4	27.1	11.5	2.7	28.9	5.41	5.41	OK
1	37	-1.4	61.3	42.7	8.7	242.6	27.9	3	27.1	9.18	-1.4	19.3	6.72	6.72	OK
2		-2.1	52.4	25.2	5.7	242.6	42.4	2.1	27.1	12.6	-2.1	28.9	6.95	6.95	OK
3		-2.7	66	24.2	5.9	242.6	41.2	2.4	27.1	11.3	-2.7	28.9	5.3	5.3	OK
1	38	-1.4	61.3	42.7	8.7	242.6	27.9	3	27.1	9.18	-1.4	19.3	6.72	6.72	OK
2		-2.1	52.4	25.2	5.7	242.6	42.4	2.1	27.1	12.6	-2.1	28.9	6.95	6.95	OK
3		-2.7	66	24.2	5.9	242.6	41.2	2.4	27.1	11.3	-2.7	28.9	5.3	5.3	OK
1	39	-1.4	61.3	42.7	8.7	242.6	27.9	3	27.1	9.18	-1.4	19.3	6.72	6.72	OK
2		-2.1	52.4	25.2	5.7	242.6	42.4	2.1	27.1	12.6	-2.1	28.9	6.95	6.95	OK
3		-2.7	66	24.2	5.9	242.6	41.2	2.4	27.1	11.3	-2.7	28.9	5.3	5.3	OK
1	40	-1.4	61.3	42.7	8.7	242.6	27.9	3	27.1	9.18	-1.4	19.3	6.72	6.72	OK
2		-2.1	52.4	25.2	5.7	242.6	42.4	2.1	27.1	12.6	-2.1	28.9	6.95	6.95	OK
3		-2.7	66	24.2	5.9	242.6	41.2	2.4	27.1	11.3	-2.7	28.9	5.3	5.3	OK

Verifica parete n. 2 - piano 1 ; fili : 4 - 5															
		taglio			presso-fles			ribalt			scorr				
		OK:csic = 10.6			OK:csic = 14.3			OK:csic = 2.1			OK:csic = 2.04				
mas	comb.	Vsd	Vrd	csic	Ncsd	Ncrd	csic	Ntsd	Ntrd	cisc	Vsd	Vrd	csic	csic	status
chio	num.	[kN]	[kN]		[kN]	[kN]		[kN]	[kN]		[kN]	[kN]		min	ver.
1	1	0	14.9	999	5.4	88.2	16.3	0	18.8	1884	0	7	999	16.3	OK
2		0	8.3	999	3.7	88.2	23.6	0	18.8	1884	0	7	999	23.6	OK
1	2	0	33.5	999	7.4	132.4	17.9	0	27.1	2710	0	10.5	999	17.9	OK
2		0	18.7	999	5.1	132.4	25.9	0	27.1	2710	0	10.5	999	25.9	OK
1	3	0	33.5	999	6.8	132.4	19.5	0	27.1	2710	0	10.5	999	19.5	OK
2		0	18.7	999	4.7	132.4	28.2	0	27.1	2710	0	10.5	999	28.2	OK
1	4	0	33.5	999	6.8	132.4	19.5	0	27.1	2710	0	10.5	999	19.5	OK
2		0	18.7	999	4.7	132.4	28.2	0	27.1	2710	0	10.5	999	28.2	OK
1	5	3.9	40.9	10.6	11.3	161.8	14.3	0	27.1	2710	3.9	12.9	3.33	3.33	OK
2		3.9	22.8	5.9	7.9	161.8	20.5	0	27.1	2710	3.9	12.9	3.33	3.33	OK
1	6	0	40.9	999	6.8	161.8	23.8	0	27.1	2710	0	12.9	999	23.8	OK

Verifica parete n. 2 - piano 1 ; fili : 4 - 5

2		0	22.8	999	4.7	161.8	34.5	0	27.1	2710	0	12.9	999	34.5	OK
1	7	3.9	40.9	10.6	11.3	161.8	14.3	0	27.1	2710	3.9	12.9	3.33	3.33	OK
2		3.9	22.8	5.9	7.9	161.8	20.5	0	27.1	2710	3.9	12.9	3.33	3.33	OK
1	8	0	40.9	999	6.8	161.8	23.8	0	27.1	2710	0	12.9	999	23.8	OK
2		0	22.8	999	4.7	161.8	34.5	0	27.1	2710	0	12.9	999	34.5	OK
1	9	4.7	61.3	13	15.5	242.6	15.7	12.9	27.1	2.1	4.7	19.3	2.04	2.04	OK
2		4.7	34.2	7.22	10.8	242.6	22.4	6.8	27.1	3.96	4.7	19.3	2.04	2.04	OK
1	10	4.7	61.3	13	15.5	242.6	15.7	12.9	27.1	2.1	4.7	19.3	2.04	2.04	OK
2		4.7	34.2	7.22	10.8	242.6	22.4	6.8	27.1	3.96	4.7	19.3	2.04	2.04	OK
1	11	4.7	61.3	13	15.5	242.6	15.7	12.9	27.1	2.1	4.7	19.3	2.04	2.04	OK
2		4.7	34.2	7.22	10.8	242.6	22.4	6.8	27.1	3.96	4.7	19.3	2.04	2.04	OK
1	12	4.7	61.3	13	15.5	242.6	15.7	12.9	27.1	2.1	4.7	19.3	2.04	2.04	OK
2		4.7	34.2	7.22	10.8	242.6	22.4	6.8	27.1	3.96	4.7	19.3	2.04	2.04	OK
1	13	4.7	61.3	13	15.5	242.6	15.7	12.9	27.1	2.1	4.7	19.3	2.04	2.04	OK
2		4.7	34.2	7.22	10.8	242.6	22.4	6.8	27.1	3.96	4.7	19.3	2.04	2.04	OK
1	14	4.7	61.3	13	15.5	242.6	15.7	12.9	27.1	2.1	4.7	19.3	2.04	2.04	OK
2		4.7	34.2	7.22	10.8	242.6	22.4	6.8	27.1	3.96	4.7	19.3	2.04	2.04	OK
1	15	4.7	61.3	13	15.5	242.6	15.7	12.9	27.1	2.1	4.7	19.3	2.04	2.04	OK
2		4.7	34.2	7.22	10.8	242.6	22.4	6.8	27.1	3.96	4.7	19.3	2.04	2.04	OK
1	16	4.7	61.3	13	15.5	242.6	15.7	12.9	27.1	2.1	4.7	19.3	2.04	2.04	OK
2		4.7	34.2	7.22	10.8	242.6	22.4	6.8	27.1	3.96	4.7	19.3	2.04	2.04	OK
1	17	-4.7	61.3	13	15.5	242.6	15.7	12.9	27.1	2.1	-4.7	19.3	2.04	2.04	OK
2		-4.7	34.2	7.22	10.8	242.6	22.4	6.8	27.1	3.96	-4.7	19.3	2.04	2.04	OK
1	18	-4.7	61.3	13	15.5	242.6	15.7	12.9	27.1	2.1	-4.7	19.3	2.04	2.04	OK
2		-4.7	34.2	7.22	10.8	242.6	22.4	6.8	27.1	3.96	-4.7	19.3	2.04	2.04	OK
1	19	-4.7	61.3	13	15.5	242.6	15.7	12.9	27.1	2.1	-4.7	19.3	2.04	2.04	OK
2		-4.7	34.2	7.22	10.8	242.6	22.4	6.8	27.1	3.96	-4.7	19.3	2.04	2.04	OK
1	20	-4.7	61.3	13	15.5	242.6	15.7	12.9	27.1	2.1	-4.7	19.3	2.04	2.04	OK
2		-4.7	34.2	7.22	10.8	242.6	22.4	6.8	27.1	3.96	-4.7	19.3	2.04	2.04	OK
1	21	-4.7	61.3	13	15.5	242.6	15.7	12.9	27.1	2.1	-4.7	19.3	2.04	2.04	OK
2		-4.7	34.2	7.22	10.8	242.6	22.4	6.8	27.1	3.96	-4.7	19.3	2.04	2.04	OK
1	22	-4.7	61.3	13	15.5	242.6	15.7	12.9	27.1	2.1	-4.7	19.3	2.04	2.04	OK
2		-4.7	34.2	7.22	10.8	242.6	22.4	6.8	27.1	3.96	-4.7	19.3	2.04	2.04	OK
1	23	-4.7	61.3	13	15.5	242.6	15.7	12.9	27.1	2.1	-4.7	19.3	2.04	2.04	OK
2		-4.7	34.2	7.22	10.8	242.6	22.4	6.8	27.1	3.96	-4.7	19.3	2.04	2.04	OK
1	24	-4.7	61.3	13	15.5	242.6	15.7	12.9	27.1	2.1	-4.7	19.3	2.04	2.04	OK
2		-4.7	34.2	7.22	10.8	242.6	22.4	6.8	27.1	3.96	-4.7	19.3	2.04	2.04	OK
1	25	1.4	61.3	40.2	10.2	242.6	23.9	2.9	27.1	9.27	1.4	19.3	6.33	6.33	OK
2		1.4	34.2	22.4	6.3	242.6	38.4	2.1	27.1	13.2	1.4	19.3	6.33	6.33	OK
1	26	1.4	61.3	40.2	10.2	242.6	23.9	2.9	27.1	9.27	1.4	19.3	6.33	6.33	OK
2		1.4	34.2	22.4	6.3	242.6	38.4	2.1	27.1	13.2	1.4	19.3	6.33	6.33	OK
1	27	1.4	61.3	40.2	10.2	242.6	23.9	2.9	27.1	9.27	1.4	19.3	6.33	6.33	OK
2		1.4	34.2	22.4	6.3	242.6	38.4	2.1	27.1	13.2	1.4	19.3	6.33	6.33	OK
1	28	1.4	61.3	40.2	10.2	242.6	23.9	2.9	27.1	9.27	1.4	19.3	6.33	6.33	OK
2		1.4	34.2	22.4	6.3	242.6	38.4	2.1	27.1	13.2	1.4	19.3	6.33	6.33	OK
1	29	-1.4	61.3	40.2	10.2	242.6	23.9	2.9	27.1	9.27	-1.4	19.3	6.33	6.33	OK
2		-1.4	34.2	22.4	6.3	242.6	38.4	2.1	27.1	13.2	-1.4	19.3	6.33	6.33	OK

Verifica parete n. 2 - piano 1 ; fili : 4 - 5															
1	30	-1.4	61.3	40.2	10.2	242.6	23.9	2.9	27.1	9.27	-1.4	19.3	6.33	6.33	OK
2		-1.4	34.2	22.4	6.3	242.6	38.4	2.1	27.1	13.2	-1.4	19.3	6.33	6.33	OK
1	31	-1.4	61.3	40.2	10.2	242.6	23.9	2.9	27.1	9.27	-1.4	19.3	6.33	6.33	OK
2		-1.4	34.2	22.4	6.3	242.6	38.4	2.1	27.1	13.2	-1.4	19.3	6.33	6.33	OK
1	32	-1.4	61.3	40.2	10.2	242.6	23.9	2.9	27.1	9.27	-1.4	19.3	6.33	6.33	OK
2		-1.4	34.2	22.4	6.3	242.6	38.4	2.1	27.1	13.2	-1.4	19.3	6.33	6.33	OK
1	33	1.4	61.3	40.2	10.2	242.6	23.9	2.9	27.1	9.27	1.4	19.3	6.33	6.33	OK
2		1.4	34.2	22.4	6.3	242.6	38.4	2.1	27.1	13.2	1.4	19.3	6.33	6.33	OK
1	34	1.4	61.3	40.2	10.2	242.6	23.9	2.9	27.1	9.27	1.4	19.3	6.33	6.33	OK
2		1.4	34.2	22.4	6.3	242.6	38.4	2.1	27.1	13.2	1.4	19.3	6.33	6.33	OK
1	35	1.4	61.3	40.2	10.2	242.6	23.9	2.9	27.1	9.27	1.4	19.3	6.33	6.33	OK
2		1.4	34.2	22.4	6.3	242.6	38.4	2.1	27.1	13.2	1.4	19.3	6.33	6.33	OK
1	36	1.4	61.3	40.2	10.2	242.6	23.9	2.9	27.1	9.27	1.4	19.3	6.33	6.33	OK
2		1.4	34.2	22.4	6.3	242.6	38.4	2.1	27.1	13.2	1.4	19.3	6.33	6.33	OK
1	37	-1.4	61.3	40.2	10.2	242.6	23.9	2.9	27.1	9.27	-1.4	19.3	6.33	6.33	OK
2		-1.4	34.2	22.4	6.3	242.6	38.4	2.1	27.1	13.2	-1.4	19.3	6.33	6.33	OK
1	38	-1.4	61.3	40.2	10.2	242.6	23.9	2.9	27.1	9.27	-1.4	19.3	6.33	6.33	OK
2		-1.4	34.2	22.4	6.3	242.6	38.4	2.1	27.1	13.2	-1.4	19.3	6.33	6.33	OK
1	39	-1.4	61.3	40.2	10.2	242.6	23.9	2.9	27.1	9.27	-1.4	19.3	6.33	6.33	OK
2		-1.4	34.2	22.4	6.3	242.6	38.4	2.1	27.1	13.2	-1.4	19.3	6.33	6.33	OK
1	40	-1.4	61.3	40.2	10.2	242.6	23.9	2.9	27.1	9.27	-1.4	19.3	6.33	6.33	OK
2		-1.4	34.2	22.4	6.3	242.6	38.4	2.1	27.1	13.2	-1.4	19.3	6.33	6.33	OK

Verifica parete n. 3 - piano 1 ; fili : 5 - 6															
		taglio			presso-fles			ribalt			scorr				
		OK:csic = 10.6			OK:csic = 14.3			OK:csic = 2.1			OK:csic = 2.04				
mas	comb.	Vsd	Vrd	csic	Ncsd	Ncrd	csic	Ntsd	Ntrd	cisc	Vsd	Vrd	csic	csic	status
chio	num.	[kN]	[kN]		[kN]	[kN]		[kN]	[kN]		[kN]	[kN]		min	ver.
1	1	0	14.9	999	5.4	88.2	16.3	0	18.8	1884	0	7	999	16.3	OK
2		0	8.3	999	3.7	88.2	23.6	0	18.8	1884	0	7	999	23.6	OK
1	2	0	33.5	999	7.4	132.4	17.9	0	27.1	2710	0	10.5	999	17.9	OK
2		0	18.7	999	5.1	132.4	25.9	0	27.1	2710	0	10.5	999	25.9	OK
1	3	0	33.5	999	6.8	132.4	19.5	0	27.1	2710	0	10.5	999	19.5	OK
2		0	18.7	999	4.7	132.4	28.2	0	27.1	2710	0	10.5	999	28.2	OK
1	4	0	33.5	999	6.8	132.4	19.5	0	27.1	2710	0	10.5	999	19.5	OK
2		0	18.7	999	4.7	132.4	28.2	0	27.1	2710	0	10.5	999	28.2	OK
1	5	3.9	40.9	10.6	11.3	161.8	14.3	0	27.1	2710	3.9	12.9	3.33	3.33	OK
2		3.9	22.8	5.9	7.9	161.8	20.5	0	27.1	2710	3.9	12.9	3.33	3.33	OK
1	6	0	40.9	999	6.8	161.8	23.8	0	27.1	2710	0	12.9	999	23.8	OK
2		0	22.8	999	4.7	161.8	34.5	0	27.1	2710	0	12.9	999	34.5	OK
1	7	3.9	40.9	10.6	11.3	161.8	14.3	0	27.1	2710	3.9	12.9	3.33	3.33	OK
2		3.9	22.8	5.9	7.9	161.8	20.5	0	27.1	2710	3.9	12.9	3.33	3.33	OK
1	8	0	40.9	999	6.8	161.8	23.8	0	27.1	2710	0	12.9	999	23.8	OK
2		0	22.8	999	4.7	161.8	34.5	0	27.1	2710	0	12.9	999	34.5	OK
1	9	4.7	61.3	13	15.5	242.6	15.7	12.9	27.1	2.1	4.7	19.3	2.04	2.04	OK
2		4.7	34.2	7.22	10.8	242.6	22.4	6.8	27.1	3.96	4.7	19.3	2.04	2.04	OK
1	10	4.7	61.3	13	15.5	242.6	15.7	12.9	27.1	2.1	4.7	19.3	2.04	2.04	OK

Verifica parete n. 3 - piano 1 ; fili : 5 - 6

2		4.7	34.2	7.22	10.8	242.6	22.4	6.8	27.1	3.96	4.7	19.3	2.04	2.04	OK
1	11	4.7	61.3	13	15.5	242.6	15.7	12.9	27.1	2.1	4.7	19.3	2.04	2.04	OK
2		4.7	34.2	7.22	10.8	242.6	22.4	6.8	27.1	3.96	4.7	19.3	2.04	2.04	OK
1	12	4.7	61.3	13	15.5	242.6	15.7	12.9	27.1	2.1	4.7	19.3	2.04	2.04	OK
2		4.7	34.2	7.22	10.8	242.6	22.4	6.8	27.1	3.96	4.7	19.3	2.04	2.04	OK
1	13	4.7	61.3	13	15.5	242.6	15.7	12.9	27.1	2.1	4.7	19.3	2.04	2.04	OK
2		4.7	34.2	7.22	10.8	242.6	22.4	6.8	27.1	3.96	4.7	19.3	2.04	2.04	OK
1	14	4.7	61.3	13	15.5	242.6	15.7	12.9	27.1	2.1	4.7	19.3	2.04	2.04	OK
2		4.7	34.2	7.22	10.8	242.6	22.4	6.8	27.1	3.96	4.7	19.3	2.04	2.04	OK
1	15	4.7	61.3	13	15.5	242.6	15.7	12.9	27.1	2.1	4.7	19.3	2.04	2.04	OK
2		4.7	34.2	7.22	10.8	242.6	22.4	6.8	27.1	3.96	4.7	19.3	2.04	2.04	OK
1	16	4.7	61.3	13	15.5	242.6	15.7	12.9	27.1	2.1	4.7	19.3	2.04	2.04	OK
2		4.7	34.2	7.22	10.8	242.6	22.4	6.8	27.1	3.96	4.7	19.3	2.04	2.04	OK
1	17	-4.7	61.3	13	15.5	242.6	15.7	12.9	27.1	2.1	-4.7	19.3	2.04	2.04	OK
2		-4.7	34.2	7.22	10.8	242.6	22.4	6.8	27.1	3.96	-4.7	19.3	2.04	2.04	OK
1	18	-4.7	61.3	13	15.5	242.6	15.7	12.9	27.1	2.1	-4.7	19.3	2.04	2.04	OK
2		-4.7	34.2	7.22	10.8	242.6	22.4	6.8	27.1	3.96	-4.7	19.3	2.04	2.04	OK
1	19	-4.7	61.3	13	15.5	242.6	15.7	12.9	27.1	2.1	-4.7	19.3	2.04	2.04	OK
2		-4.7	34.2	7.22	10.8	242.6	22.4	6.8	27.1	3.96	-4.7	19.3	2.04	2.04	OK
1	20	-4.7	61.3	13	15.5	242.6	15.7	12.9	27.1	2.1	-4.7	19.3	2.04	2.04	OK
2		-4.7	34.2	7.22	10.8	242.6	22.4	6.8	27.1	3.96	-4.7	19.3	2.04	2.04	OK
1	21	-4.7	61.3	13	15.5	242.6	15.7	12.9	27.1	2.1	-4.7	19.3	2.04	2.04	OK
2		-4.7	34.2	7.22	10.8	242.6	22.4	6.8	27.1	3.96	-4.7	19.3	2.04	2.04	OK
1	22	-4.7	61.3	13	15.5	242.6	15.7	12.9	27.1	2.1	-4.7	19.3	2.04	2.04	OK
2		-4.7	34.2	7.22	10.8	242.6	22.4	6.8	27.1	3.96	-4.7	19.3	2.04	2.04	OK
1	23	-4.7	61.3	13	15.5	242.6	15.7	12.9	27.1	2.1	-4.7	19.3	2.04	2.04	OK
2		-4.7	34.2	7.22	10.8	242.6	22.4	6.8	27.1	3.96	-4.7	19.3	2.04	2.04	OK
1	24	-4.7	61.3	13	15.5	242.6	15.7	12.9	27.1	2.1	-4.7	19.3	2.04	2.04	OK
2		-4.7	34.2	7.22	10.8	242.6	22.4	6.8	27.1	3.96	-4.7	19.3	2.04	2.04	OK
1	25	1.4	61.3	40.2	10.2	242.6	23.9	2.9	27.1	9.27	1.4	19.3	6.33	6.33	OK
2		1.4	34.2	22.4	6.3	242.6	38.4	2.1	27.1	13.2	1.4	19.3	6.33	6.33	OK
1	26	1.4	61.3	40.2	10.2	242.6	23.9	2.9	27.1	9.27	1.4	19.3	6.33	6.33	OK
2		1.4	34.2	22.4	6.3	242.6	38.4	2.1	27.1	13.2	1.4	19.3	6.33	6.33	OK
1	27	1.4	61.3	40.2	10.2	242.6	23.9	2.9	27.1	9.27	1.4	19.3	6.33	6.33	OK
2		1.4	34.2	22.4	6.3	242.6	38.4	2.1	27.1	13.2	1.4	19.3	6.33	6.33	OK
1	28	1.4	61.3	40.2	10.2	242.6	23.9	2.9	27.1	9.27	1.4	19.3	6.33	6.33	OK
2		1.4	34.2	22.4	6.3	242.6	38.4	2.1	27.1	13.2	1.4	19.3	6.33	6.33	OK
1	29	-1.4	61.3	40.2	10.2	242.6	23.9	2.9	27.1	9.27	-1.4	19.3	6.33	6.33	OK
2		-1.4	34.2	22.4	6.3	242.6	38.4	2.1	27.1	13.2	-1.4	19.3	6.33	6.33	OK
1	30	-1.4	61.3	40.2	10.2	242.6	23.9	2.9	27.1	9.27	-1.4	19.3	6.33	6.33	OK
2		-1.4	34.2	22.4	6.3	242.6	38.4	2.1	27.1	13.2	-1.4	19.3	6.33	6.33	OK
1	31	-1.4	61.3	40.2	10.2	242.6	23.9	2.9	27.1	9.27	-1.4	19.3	6.33	6.33	OK
2		-1.4	34.2	22.4	6.3	242.6	38.4	2.1	27.1	13.2	-1.4	19.3	6.33	6.33	OK
1	32	-1.4	61.3	40.2	10.2	242.6	23.9	2.9	27.1	9.27	-1.4	19.3	6.33	6.33	OK
2		-1.4	34.2	22.4	6.3	242.6	38.4	2.1	27.1	13.2	-1.4	19.3	6.33	6.33	OK
1	33	1.4	61.3	40.2	10.2	242.6	23.9	2.9	27.1	9.27	1.4	19.3	6.33	6.33	OK
2		1.4	34.2	22.4	6.3	242.6	38.4	2.1	27.1	13.2	1.4	19.3	6.33	6.33	OK

Verifica parete n. 3 - piano 1 ; fili : 5 - 6															
1	34	1.4	61.3	40.2	10.2	242.6	23.9	2.9	27.1	9.27	1.4	19.3	6.33	6.33	OK
2		1.4	34.2	22.4	6.3	242.6	38.4	2.1	27.1	13.2	1.4	19.3	6.33	6.33	OK
1	35	1.4	61.3	40.2	10.2	242.6	23.9	2.9	27.1	9.27	1.4	19.3	6.33	6.33	OK
2		1.4	34.2	22.4	6.3	242.6	38.4	2.1	27.1	13.2	1.4	19.3	6.33	6.33	OK
1	36	1.4	61.3	40.2	10.2	242.6	23.9	2.9	27.1	9.27	1.4	19.3	6.33	6.33	OK
2		1.4	34.2	22.4	6.3	242.6	38.4	2.1	27.1	13.2	1.4	19.3	6.33	6.33	OK
1	37	-1.4	61.3	40.2	10.2	242.6	23.9	2.9	27.1	9.27	-1.4	19.3	6.33	6.33	OK
2		-1.4	34.2	22.4	6.3	242.6	38.4	2.1	27.1	13.2	-1.4	19.3	6.33	6.33	OK
1	38	-1.4	61.3	40.2	10.2	242.6	23.9	2.9	27.1	9.27	-1.4	19.3	6.33	6.33	OK
2		-1.4	34.2	22.4	6.3	242.6	38.4	2.1	27.1	13.2	-1.4	19.3	6.33	6.33	OK
1	39	-1.4	61.3	40.2	10.2	242.6	23.9	2.9	27.1	9.27	-1.4	19.3	6.33	6.33	OK
2		-1.4	34.2	22.4	6.3	242.6	38.4	2.1	27.1	13.2	-1.4	19.3	6.33	6.33	OK
1	40	-1.4	61.3	40.2	10.2	242.6	23.9	2.9	27.1	9.27	-1.4	19.3	6.33	6.33	OK
2		-1.4	34.2	22.4	6.3	242.6	38.4	2.1	27.1	13.2	-1.4	19.3	6.33	6.33	OK

Verifica parete n. 4 - piano 1 ; fili : 7 - 9															
		taglio			presso-fles			ribalt			scorr				
		OK:csic = 10.6			OK:csic = 15.4			OK:csic = 1.98			OK:csic = 2.04				
mas	comb.	Vsd	Vrd	csic	Ncsd	Ncrd	csic	Ntsd	Ntrd	cisc	Vsd	Vrd	csic	csic	status
chio	num.	[kN]	[kN]		[kN]	[kN]		[kN]	[kN]		[kN]	[kN]		min	ver.
1	1	0	14.9	999	4.8	88.2	18.6	0	18.8	1884	0	7	999	18.6	OK
2		0	12.7	999	3.6	88.2	24.8	0	18.8	1884	0	10.5	999	24.8	OK
3		0	16	999	3.4	88.2	26.1	0	18.8	1884	0	10.5	999	26.1	OK
1	2	0	33.5	999	6.5	132.4	20.4	0	27.1	2710	0	10.5	999	20.4	OK
2		0	28.6	999	4.9	132.4	27.2	0	27.1	2710	0	15.8	999	27.2	OK
3		0	36	999	4.6	132.4	28.6	0	27.1	2710	0	15.8	999	28.6	OK
1	3	0	33.5	999	6	132.4	22.2	0	27.1	2710	0	10.5	999	22.2	OK
2		0	28.6	999	4.5	132.4	29.6	0	27.1	2710	0	15.8	999	29.6	OK
3		0	36	999	4.2	132.4	31.1	0	27.1	2710	0	15.8	999	31.1	OK
1	4	0	33.5	999	6	132.4	22.2	0	27.1	2710	0	10.5	999	22.2	OK
2		0	28.6	999	4.5	132.4	29.6	0	27.1	2710	0	15.8	999	29.6	OK
3		0	36	999	4.2	132.4	31.1	0	27.1	2710	0	15.8	999	31.1	OK
1	5	3.9	40.9	10.6	10.5	161.8	15.4	0	27.1	2710	3.9	12.9	3.33	3.33	OK
2		5.6	34.9	6.22	7.8	161.8	20.8	0	27.1	2710	5.6	19.3	3.44	3.44	OK
3		7.4	44	5.98	8	161.8	20.3	0	27.1	2710	7.4	19.3	2.62	2.62	OK
1	6	0	40.9	999	6	161.8	27.1	0	27.1	2710	0	12.9	999	27.1	OK
2		0	34.9	999	4.5	161.8	36.1	0	27.1	2710	0	19.3	999	36.1	OK
3		0	44	999	4.2	161.8	38	0	27.1	2710	0	19.3	999	38	OK
1	7	3.9	40.9	10.6	10.5	161.8	15.4	0	27.1	2710	3.9	12.9	3.33	3.33	OK
2		5.6	34.9	6.22	7.8	161.8	20.8	0	27.1	2710	5.6	19.3	3.44	3.44	OK
3		7.4	44	5.98	8	161.8	20.3	0	27.1	2710	7.4	19.3	2.62	2.62	OK
1	8	0	40.9	999	6	161.8	27.1	0	27.1	2710	0	12.9	999	27.1	OK
2		0	34.9	999	4.5	161.8	36.1	0	27.1	2710	0	19.3	999	36.1	OK
3		0	44	999	4.2	161.8	38	0	27.1	2710	0	19.3	999	38	OK
1	9	4.7	61.3	13	15	242.6	16.2	13.7	27.1	1.98	4.7	19.3	2.04	1.98	OK
2		6.9	52.4	7.63	11	242.6	22.2	7	27.1	3.85	6.9	28.9	2.11	2.11	OK
3		9	66	7.33	11.8	242.6	20.6	7.9	27.1	3.42	9	28.9	1.61	1.61	OK

Verifica parete n. 4 - piano 1 ; fili : 7 - 9

1	10	4.7	61.3	13	15	242.6	16.2	13.7	27.1	1.98	4.7	19.3	2.04	1.98	OK
2		6.9	52.4	7.63	11	242.6	22.2	7	27.1	3.85	6.9	28.9	2.11	2.11	OK
3		9	66	7.33	11.8	242.6	20.6	7.9	27.1	3.42	9	28.9	1.61	1.61	OK
1	11	4.7	61.3	13	15	242.6	16.2	13.7	27.1	1.98	4.7	19.3	2.04	1.98	OK
2		6.9	52.4	7.63	11	242.6	22.2	7	27.1	3.85	6.9	28.9	2.11	2.11	OK
3		9	66	7.33	11.8	242.6	20.6	7.9	27.1	3.42	9	28.9	1.61	1.61	OK
1	12	4.7	61.3	13	15	242.6	16.2	13.7	27.1	1.98	4.7	19.3	2.04	1.98	OK
2		6.9	52.4	7.63	11	242.6	22.2	7	27.1	3.85	6.9	28.9	2.11	2.11	OK
3		9	66	7.33	11.8	242.6	20.6	7.9	27.1	3.42	9	28.9	1.61	1.61	OK
1	13	4.7	61.3	12.9	15	242.6	16.2	13.7	27.1	1.98	4.7	19.3	2.04	1.98	OK
2		6.9	52.4	7.62	11	242.6	22.1	7.1	27.1	3.84	6.9	28.9	2.1	2.1	OK
3		9	66	7.32	11.8	242.6	20.5	7.9	27.1	3.42	9	28.9	1.6	1.6	OK
1	14	4.7	61.3	12.9	15	242.6	16.2	13.7	27.1	1.98	4.7	19.3	2.04	1.98	OK
2		6.9	52.4	7.62	11	242.6	22.1	7.1	27.1	3.84	6.9	28.9	2.1	2.1	OK
3		9	66	7.32	11.8	242.6	20.5	7.9	27.1	3.42	9	28.9	1.6	1.6	OK
1	15	4.7	61.3	12.9	15	242.6	16.2	13.7	27.1	1.98	4.7	19.3	2.04	1.98	OK
2		6.9	52.4	7.62	11	242.6	22.1	7.1	27.1	3.84	6.9	28.9	2.1	2.1	OK
3		9	66	7.32	11.8	242.6	20.5	7.9	27.1	3.42	9	28.9	1.6	1.6	OK
1	16	4.7	61.3	12.9	15	242.6	16.2	13.7	27.1	1.98	4.7	19.3	2.04	1.98	OK
2		6.9	52.4	7.62	11	242.6	22.1	7.1	27.1	3.84	6.9	28.9	2.1	2.1	OK
3		9	66	7.32	11.8	242.6	20.5	7.9	27.1	3.42	9	28.9	1.6	1.6	OK
1	17	-4.7	61.3	12.9	15	242.6	16.2	13.7	27.1	1.98	-4.7	19.3	2.04	1.98	OK
2		-6.9	52.4	7.62	11	242.6	22.1	7.1	27.1	3.84	-6.9	28.9	2.1	2.1	OK
3		-9	66	7.32	11.8	242.6	20.5	7.9	27.1	3.42	-9	28.9	1.6	1.6	OK
1	18	-4.7	61.3	12.9	15	242.6	16.2	13.7	27.1	1.98	-4.7	19.3	2.04	1.98	OK
2		-6.9	52.4	7.62	11	242.6	22.1	7.1	27.1	3.84	-6.9	28.9	2.1	2.1	OK
3		-9	66	7.32	11.8	242.6	20.5	7.9	27.1	3.42	-9	28.9	1.6	1.6	OK
1	19	-4.7	61.3	12.9	15	242.6	16.2	13.7	27.1	1.98	-4.7	19.3	2.04	1.98	OK
2		-6.9	52.4	7.62	11	242.6	22.1	7.1	27.1	3.84	-6.9	28.9	2.1	2.1	OK
3		-9	66	7.32	11.8	242.6	20.5	7.9	27.1	3.42	-9	28.9	1.6	1.6	OK
1	20	-4.7	61.3	12.9	15	242.6	16.2	13.7	27.1	1.98	-4.7	19.3	2.04	1.98	OK
2		-6.9	52.4	7.62	11	242.6	22.1	7.1	27.1	3.84	-6.9	28.9	2.1	2.1	OK
3		-9	66	7.32	11.8	242.6	20.5	7.9	27.1	3.42	-9	28.9	1.6	1.6	OK
1	21	-4.7	61.3	13	15	242.6	16.2	13.7	27.1	1.98	-4.7	19.3	2.04	1.98	OK
2		-6.9	52.4	7.63	11	242.6	22.2	7	27.1	3.85	-6.9	28.9	2.11	2.11	OK
3		-9	66	7.33	11.8	242.6	20.6	7.9	27.1	3.42	-9	28.9	1.61	1.61	OK
1	22	-4.7	61.3	13	15	242.6	16.2	13.7	27.1	1.98	-4.7	19.3	2.04	1.98	OK
2		-6.9	52.4	7.63	11	242.6	22.2	7	27.1	3.85	-6.9	28.9	2.11	2.11	OK
3		-9	66	7.33	11.8	242.6	20.6	7.9	27.1	3.42	-9	28.9	1.61	1.61	OK
1	23	-4.7	61.3	13	15	242.6	16.2	13.7	27.1	1.98	-4.7	19.3	2.04	1.98	OK
2		-6.9	52.4	7.63	11	242.6	22.2	7	27.1	3.85	-6.9	28.9	2.11	2.11	OK
3		-9	66	7.33	11.8	242.6	20.6	7.9	27.1	3.42	-9	28.9	1.61	1.61	OK
1	24	-4.7	61.3	13	15	242.6	16.2	13.7	27.1	1.98	-4.7	19.3	2.04	1.98	OK
2		-6.9	52.4	7.63	11	242.6	22.2	7	27.1	3.85	-6.9	28.9	2.11	2.11	OK
3		-9	66	7.33	11.8	242.6	20.6	7.9	27.1	3.42	-9	28.9	1.61	1.61	OK
1	25	1.4	61.3	43.6	8.7	242.6	28	2.9	27.1	9.37	1.4	19.3	6.86	6.86	OK
2		2	52.4	25.7	5.7	242.6	42.7	2.1	27.1	12.9	2	28.9	7.09	7.09	OK

Verifica parete n. 4 - piano 1 ; fili : 7 - 9

3		2.7	66	24.7	5.8	242.6	41.5	2.4	27.1	11.5	2.7	28.9	5.41	5.41	OK
1	26	1.4	61.3	43.6	8.7	242.6	28	2.9	27.1	9.37	1.4	19.3	6.86	6.86	OK
2		2	52.4	25.7	5.7	242.6	42.7	2.1	27.1	12.9	2	28.9	7.09	7.09	OK
3		2.7	66	24.7	5.8	242.6	41.5	2.4	27.1	11.5	2.7	28.9	5.41	5.41	OK
1	27	1.4	61.3	43.6	8.7	242.6	28	2.9	27.1	9.37	1.4	19.3	6.86	6.86	OK
2		2	52.4	25.7	5.7	242.6	42.7	2.1	27.1	12.9	2	28.9	7.09	7.09	OK
3		2.7	66	24.7	5.8	242.6	41.5	2.4	27.1	11.5	2.7	28.9	5.41	5.41	OK
1	28	1.4	61.3	43.6	8.7	242.6	28	2.9	27.1	9.37	1.4	19.3	6.86	6.86	OK
2		2	52.4	25.7	5.7	242.6	42.7	2.1	27.1	12.9	2	28.9	7.09	7.09	OK
3		2.7	66	24.7	5.8	242.6	41.5	2.4	27.1	11.5	2.7	28.9	5.41	5.41	OK
1	29	-1.4	61.3	42.7	8.7	242.6	27.9	3	27.1	9.18	-1.4	19.3	6.72	6.72	OK
2		-2.1	52.4	25.2	5.7	242.6	42.4	2.1	27.1	12.6	-2.1	28.9	6.95	6.95	OK
3		-2.7	66	24.2	5.9	242.6	41.2	2.4	27.1	11.3	-2.7	28.9	5.3	5.3	OK
1	30	-1.4	61.3	42.7	8.7	242.6	27.9	3	27.1	9.18	-1.4	19.3	6.72	6.72	OK
2		-2.1	52.4	25.2	5.7	242.6	42.4	2.1	27.1	12.6	-2.1	28.9	6.95	6.95	OK
3		-2.7	66	24.2	5.9	242.6	41.2	2.4	27.1	11.3	-2.7	28.9	5.3	5.3	OK
1	31	-1.4	61.3	42.7	8.7	242.6	27.9	3	27.1	9.18	-1.4	19.3	6.72	6.72	OK
2		-2.1	52.4	25.2	5.7	242.6	42.4	2.1	27.1	12.6	-2.1	28.9	6.95	6.95	OK
3		-2.7	66	24.2	5.9	242.6	41.2	2.4	27.1	11.3	-2.7	28.9	5.3	5.3	OK
1	32	-1.4	61.3	42.7	8.7	242.6	27.9	3	27.1	9.18	-1.4	19.3	6.72	6.72	OK
2		-2.1	52.4	25.2	5.7	242.6	42.4	2.1	27.1	12.6	-2.1	28.9	6.95	6.95	OK
3		-2.7	66	24.2	5.9	242.6	41.2	2.4	27.1	11.3	-2.7	28.9	5.3	5.3	OK
1	33	1.4	61.3	42.7	8.7	242.6	27.9	3	27.1	9.18	1.4	19.3	6.72	6.72	OK
2		2.1	52.4	25.2	5.7	242.6	42.4	2.1	27.1	12.6	2.1	28.9	6.95	6.95	OK
3		2.7	66	24.2	5.9	242.6	41.2	2.4	27.1	11.3	2.7	28.9	5.3	5.3	OK
1	34	1.4	61.3	42.7	8.7	242.6	27.9	3	27.1	9.18	1.4	19.3	6.72	6.72	OK
2		2.1	52.4	25.2	5.7	242.6	42.4	2.1	27.1	12.6	2.1	28.9	6.95	6.95	OK
3		2.7	66	24.2	5.9	242.6	41.2	2.4	27.1	11.3	2.7	28.9	5.3	5.3	OK
1	35	1.4	61.3	42.7	8.7	242.6	27.9	3	27.1	9.18	1.4	19.3	6.72	6.72	OK
2		2.1	52.4	25.2	5.7	242.6	42.4	2.1	27.1	12.6	2.1	28.9	6.95	6.95	OK
3		2.7	66	24.2	5.9	242.6	41.2	2.4	27.1	11.3	2.7	28.9	5.3	5.3	OK
1	36	1.4	61.3	42.7	8.7	242.6	27.9	3	27.1	9.18	1.4	19.3	6.72	6.72	OK
2		2.1	52.4	25.2	5.7	242.6	42.4	2.1	27.1	12.6	2.1	28.9	6.95	6.95	OK
3		2.7	66	24.2	5.9	242.6	41.2	2.4	27.1	11.3	2.7	28.9	5.3	5.3	OK
1	37	-1.4	61.3	43.6	8.7	242.6	28	2.9	27.1	9.37	-1.4	19.3	6.86	6.86	OK
2		-2	52.4	25.7	5.7	242.6	42.7	2.1	27.1	12.9	-2	28.9	7.09	7.09	OK
3		-2.7	66	24.7	5.8	242.6	41.5	2.4	27.1	11.5	-2.7	28.9	5.41	5.41	OK
1	38	-1.4	61.3	43.6	8.7	242.6	28	2.9	27.1	9.37	-1.4	19.3	6.86	6.86	OK
2		-2	52.4	25.7	5.7	242.6	42.7	2.1	27.1	12.9	-2	28.9	7.09	7.09	OK
3		-2.7	66	24.7	5.8	242.6	41.5	2.4	27.1	11.5	-2.7	28.9	5.41	5.41	OK
1	39	-1.4	61.3	43.6	8.7	242.6	28	2.9	27.1	9.37	-1.4	19.3	6.86	6.86	OK
2		-2	52.4	25.7	5.7	242.6	42.7	2.1	27.1	12.9	-2	28.9	7.09	7.09	OK
3		-2.7	66	24.7	5.8	242.6	41.5	2.4	27.1	11.5	-2.7	28.9	5.41	5.41	OK
1	40	-1.4	61.3	43.6	8.7	242.6	28	2.9	27.1	9.37	-1.4	19.3	6.86	6.86	OK
2		-2	52.4	25.7	5.7	242.6	42.7	2.1	27.1	12.9	-2	28.9	7.09	7.09	OK
3		-2.7	66	24.7	5.8	242.6	41.5	2.4	27.1	11.5	-2.7	28.9	5.41	5.41	OK

Verifica parete n. 5 - piano 1 ; fili : 1 - 7

		taglio			presso-fles			ribalt			scorr				
		OK:csic = 9.2			OK:csic = 7.22			OK:csic = 1.98			OK:csic = 1.45				
mas	comb.	Vsd	Vrd	csic	Ncsd	Ncrd	csic	Ntsd	Ntrd	cisc	Vsd	Vrd	csic	csic	status
chio	num.	[kN]	[kN]		[kN]	[kN]		[kN]	[kN]		[kN]	[kN]		min	ver.
1	1	0	14.9	999	12.2	88.2	7.22	0	18.8	1884	0	7	999	7.22	OK
2		0	12.7	999	9.7	88.2	9.1	0	18.8	1884	0	10.5	999	9.1	OK
3		0	13.5	999	8.4	88.2	10.5	0	18.8	1884	0	10.5	999	10.5	OK
1	2	0	33.5	999	17.8	132.4	7.46	0	27.1	2710	0	10.5	999	7.46	OK
2		0	28.6	999	14	132.4	9.44	0	27.1	2710	0	15.8	999	9.44	OK
3		0	30.4	999	12.2	132.4	10.9	0	27.1	2710	0	15.8	999	10.9	OK
1	3	0	33.5	999	17.4	132.4	7.62	0	27.1	2710	0	10.5	999	7.62	OK
2		0	28.6	999	13.7	132.4	9.67	0	27.1	2710	0	15.8	999	9.67	OK
3		0	30.4	999	11.9	132.4	11.1	0	27.1	2710	0	15.8	999	11.1	OK
1	4	0	33.5	999	16.7	132.4	7.91	0	27.1	2710	0	10.5	999	7.91	OK
2		0	28.6	999	13.2	132.4	10	0	27.1	2710	0	15.8	999	10	OK
3		0	30.4	999	11.4	132.4	11.6	0	27.1	2710	0	15.8	999	11.6	OK
1	5	0	40.9	999	16.2	161.8	9.96	0	27.1	2710	0	12.9	999	9.96	OK
2		0	34.9	999	12.8	161.8	12.6	0	27.1	2710	0	19.3	999	12.6	OK
3		0	37.2	999	11.1	161.8	14.5	0	27.1	2710	0	19.3	999	14.5	OK
1	6	3.9	40.9	10.4	19.6	161.8	8.27	0	27.1	2710	3.9	12.9	3.27	3.27	OK
2		5.7	34.9	6.11	15.5	161.8	10.5	0	27.1	2710	5.7	19.3	3.38	3.38	OK
3		5.7	37.2	6.5	14.3	161.8	11.3	0	27.1	2710	5.7	19.3	3.38	3.38	OK
1	7	0	40.9	999	16.2	161.8	9.96	0	27.1	2710	0	12.9	999	9.96	OK
2		0	34.9	999	12.8	161.8	12.6	0	27.1	2710	0	19.3	999	12.6	OK
3		0	37.2	999	11.1	161.8	14.5	0	27.1	2710	0	19.3	999	14.5	OK
1	8	3.9	40.9	10.4	20.2	161.8	8	0	27.1	2710	3.9	12.9	3.27	3.27	OK
2		5.7	34.9	6.11	15.7	161.8	10.3	0	27.1	2710	5.7	19.3	3.38	3.38	OK
3		5.7	37.2	6.5	14	161.8	11.5	0	27.1	2710	5.7	19.3	3.38	3.38	OK
1	9	2	61.3	15.8	26.8	242.6	9.05	4.1	27.1	6.6	2	19.3	2.49	2.49	OK
2		2.9	52.4	9.31	16.6	242.6	14.7	3	27.1	9.08	2.9	28.9	2.57	2.57	OK
3		2.9	55.7	9.9	15.5	242.6	15.7	3	27.1	9.11	2.9	28.9	2.57	2.57	OK
1	10	2	61.3	15.8	26.8	242.6	9.05	4.1	27.1	6.6	2	19.3	2.49	2.49	OK
2		2.9	52.4	9.31	16.6	242.6	14.7	3	27.1	9.08	2.9	28.9	2.57	2.57	OK
3		2.9	55.7	9.9	15.5	242.6	15.7	3	27.1	9.11	2.9	28.9	2.57	2.57	OK
1	11	2	61.3	15.8	26.8	242.6	9.05	4.1	27.1	6.6	2	19.3	2.49	2.49	OK
2		2.9	52.4	9.31	16.6	242.6	14.7	3	27.1	9.08	2.9	28.9	2.57	2.57	OK
3		2.9	55.7	9.9	15.5	242.6	15.7	3	27.1	9.11	2.9	28.9	2.57	2.57	OK
1	12	2	61.3	15.8	26.8	242.6	9.05	4.1	27.1	6.6	2	19.3	2.49	2.49	OK
2		2.9	52.4	9.31	16.6	242.6	14.7	3	27.1	9.08	2.9	28.9	2.57	2.57	OK
3		2.9	55.7	9.9	15.5	242.6	15.7	3	27.1	9.11	2.9	28.9	2.57	2.57	OK
1	13	-2	61.3	15.8	26.8	242.6	9.05	4.1	27.1	6.6	-2	19.3	2.49	2.49	OK
2		-2.9	52.4	9.31	16.6	242.6	14.7	3	27.1	9.08	-2.9	28.9	2.57	2.57	OK
3		-2.9	55.7	9.9	15.5	242.6	15.7	3	27.1	9.11	-2.9	28.9	2.57	2.57	OK
1	14	-2	61.3	15.8	26.8	242.6	9.05	4.1	27.1	6.6	-2	19.3	2.49	2.49	OK
2		-2.9	52.4	9.31	16.6	242.6	14.7	3	27.1	9.08	-2.9	28.9	2.57	2.57	OK
3		-2.9	55.7	9.9	15.5	242.6	15.7	3	27.1	9.11	-2.9	28.9	2.57	2.57	OK
1	15	-2	61.3	15.8	26.8	242.6	9.05	4.1	27.1	6.6	-2	19.3	2.49	2.49	OK

Verifica parete n. 5 - piano 1 ; fili : 1 - 7

2		-2.9	52.4	9.31	16.6	242.6	14.7	3	27.1	9.08	-2.9	28.9	2.57	2.57	OK
3		-2.9	55.7	9.9	15.5	242.6	15.7	3	27.1	9.11	-2.9	28.9	2.57	2.57	OK
1	16	-2	61.3	15.8	26.8	242.6	9.05	4.1	27.1	6.6	-2	19.3	2.49	2.49	OK
2		-2.9	52.4	9.31	16.6	242.6	14.7	3	27.1	9.08	-2.9	28.9	2.57	2.57	OK
3		-2.9	55.7	9.9	15.5	242.6	15.7	3	27.1	9.11	-2.9	28.9	2.57	2.57	OK
1	17	2	61.3	15.8	26.8	242.6	9.05	4.1	27.1	6.6	2	19.3	2.49	2.49	OK
2		2.9	52.4	9.31	16.6	242.6	14.7	3	27.1	9.08	2.9	28.9	2.57	2.57	OK
3		2.9	55.7	9.9	15.5	242.6	15.7	3	27.1	9.11	2.9	28.9	2.57	2.57	OK
1	18	2	61.3	15.8	26.8	242.6	9.05	4.1	27.1	6.6	2	19.3	2.49	2.49	OK
2		2.9	52.4	9.31	16.6	242.6	14.7	3	27.1	9.08	2.9	28.9	2.57	2.57	OK
3		2.9	55.7	9.9	15.5	242.6	15.7	3	27.1	9.11	2.9	28.9	2.57	2.57	OK
1	19	2	61.3	15.8	26.8	242.6	9.05	4.1	27.1	6.6	2	19.3	2.49	2.49	OK
2		2.9	52.4	9.31	16.6	242.6	14.7	3	27.1	9.08	2.9	28.9	2.57	2.57	OK
3		2.9	55.7	9.9	15.5	242.6	15.7	3	27.1	9.11	2.9	28.9	2.57	2.57	OK
1	20	2	61.3	15.8	26.8	242.6	9.05	4.1	27.1	6.6	2	19.3	2.49	2.49	OK
2		2.9	52.4	9.31	16.6	242.6	14.7	3	27.1	9.08	2.9	28.9	2.57	2.57	OK
3		2.9	55.7	9.9	15.5	242.6	15.7	3	27.1	9.11	2.9	28.9	2.57	2.57	OK
1	21	-2	61.3	15.8	26.8	242.6	9.05	4.1	27.1	6.6	-2	19.3	2.49	2.49	OK
2		-2.9	52.4	9.31	16.6	242.6	14.7	3	27.1	9.08	-2.9	28.9	2.57	2.57	OK
3		-2.9	55.7	9.9	15.5	242.6	15.7	3	27.1	9.11	-2.9	28.9	2.57	2.57	OK
1	22	-2	61.3	15.8	26.8	242.6	9.05	4.1	27.1	6.6	-2	19.3	2.49	2.49	OK
2		-2.9	52.4	9.31	16.6	242.6	14.7	3	27.1	9.08	-2.9	28.9	2.57	2.57	OK
3		-2.9	55.7	9.9	15.5	242.6	15.7	3	27.1	9.11	-2.9	28.9	2.57	2.57	OK
1	23	-2	61.3	15.8	26.8	242.6	9.05	4.1	27.1	6.6	-2	19.3	2.49	2.49	OK
2		-2.9	52.4	9.31	16.6	242.6	14.7	3	27.1	9.08	-2.9	28.9	2.57	2.57	OK
3		-2.9	55.7	9.9	15.5	242.6	15.7	3	27.1	9.11	-2.9	28.9	2.57	2.57	OK
1	24	-2	61.3	15.8	26.8	242.6	9.05	4.1	27.1	6.6	-2	19.3	2.49	2.49	OK
2		-2.9	52.4	9.31	16.6	242.6	14.7	3	27.1	9.08	-2.9	28.9	2.57	2.57	OK
3		-2.9	55.7	9.9	15.5	242.6	15.7	3	27.1	9.11	-2.9	28.9	2.57	2.57	OK
1	25	6.7	61.3	9.2	27	242.6	8.99	13.7	27.1	1.98	6.7	19.3	1.45	1.45	OK
2		9.7	52.4	5.42	19.6	242.6	12.4	9.9	27.1	2.73	9.7	28.9	1.5	1.5	OK
3		9.7	55.7	5.76	18.5	242.6	13.1	9.9	27.1	2.74	9.7	28.9	1.5	1.5	OK
1	26	6.7	61.3	9.2	27	242.6	8.99	13.7	27.1	1.98	6.7	19.3	1.45	1.45	OK
2		9.7	52.4	5.42	19.6	242.6	12.4	9.9	27.1	2.73	9.7	28.9	1.5	1.5	OK
3		9.7	55.7	5.76	18.5	242.6	13.1	9.9	27.1	2.74	9.7	28.9	1.5	1.5	OK
1	27	6.7	61.3	9.2	27	242.6	8.99	13.7	27.1	1.98	6.7	19.3	1.45	1.45	OK
2		9.7	52.4	5.42	19.6	242.6	12.4	9.9	27.1	2.73	9.7	28.9	1.5	1.5	OK
3		9.7	55.7	5.76	18.5	242.6	13.1	9.9	27.1	2.74	9.7	28.9	1.5	1.5	OK
1	28	6.7	61.3	9.2	27	242.6	8.99	13.7	27.1	1.98	6.7	19.3	1.45	1.45	OK
2		9.7	52.4	5.42	19.6	242.6	12.4	9.9	27.1	2.73	9.7	28.9	1.5	1.5	OK
3		9.7	55.7	5.76	18.5	242.6	13.1	9.9	27.1	2.74	9.7	28.9	1.5	1.5	OK
1	29	6.7	61.3	9.2	27	242.6	8.99	13.7	27.1	1.98	6.7	19.3	1.45	1.45	OK
2		9.7	52.4	5.42	19.6	242.6	12.4	9.9	27.1	2.73	9.7	28.9	1.5	1.5	OK
3		9.7	55.7	5.76	18.5	242.6	13.1	9.9	27.1	2.74	9.7	28.9	1.5	1.5	OK
1	30	6.7	61.3	9.2	27	242.6	8.99	13.7	27.1	1.98	6.7	19.3	1.45	1.45	OK
2		9.7	52.4	5.42	19.6	242.6	12.4	9.9	27.1	2.73	9.7	28.9	1.5	1.5	OK
3		9.7	55.7	5.76	18.5	242.6	13.1	9.9	27.1	2.74	9.7	28.9	1.5	1.5	OK

Verifica parete n. 5 - piano 1 ; fili : 1 - 7

1	31	6.7	61.3	9.2	27	242.6	8.99	13.7	27.1	1.98	6.7	19.3	1.45	1.45	OK
2		9.7	52.4	5.42	19.6	242.6	12.4	9.9	27.1	2.73	9.7	28.9	1.5	1.5	OK
3		9.7	55.7	5.76	18.5	242.6	13.1	9.9	27.1	2.74	9.7	28.9	1.5	1.5	OK
1	32	6.7	61.3	9.2	27	242.6	8.99	13.7	27.1	1.98	6.7	19.3	1.45	1.45	OK
2		9.7	52.4	5.42	19.6	242.6	12.4	9.9	27.1	2.73	9.7	28.9	1.5	1.5	OK
3		9.7	55.7	5.76	18.5	242.6	13.1	9.9	27.1	2.74	9.7	28.9	1.5	1.5	OK
1	33	-6.7	61.3	9.2	27	242.6	8.99	13.7	27.1	1.98	-6.7	19.3	1.45	1.45	OK
2		-9.7	52.4	5.42	19.6	242.6	12.4	9.9	27.1	2.73	-9.7	28.9	1.5	1.5	OK
3		-9.7	55.7	5.76	18.5	242.6	13.1	9.9	27.1	2.74	-9.7	28.9	1.5	1.5	OK
1	34	-6.7	61.3	9.2	27	242.6	8.99	13.7	27.1	1.98	-6.7	19.3	1.45	1.45	OK
2		-9.7	52.4	5.42	19.6	242.6	12.4	9.9	27.1	2.73	-9.7	28.9	1.5	1.5	OK
3		-9.7	55.7	5.76	18.5	242.6	13.1	9.9	27.1	2.74	-9.7	28.9	1.5	1.5	OK
1	35	-6.7	61.3	9.2	27	242.6	8.99	13.7	27.1	1.98	-6.7	19.3	1.45	1.45	OK
2		-9.7	52.4	5.42	19.6	242.6	12.4	9.9	27.1	2.73	-9.7	28.9	1.5	1.5	OK
3		-9.7	55.7	5.76	18.5	242.6	13.1	9.9	27.1	2.74	-9.7	28.9	1.5	1.5	OK
1	36	-6.7	61.3	9.2	27	242.6	8.99	13.7	27.1	1.98	-6.7	19.3	1.45	1.45	OK
2		-9.7	52.4	5.42	19.6	242.6	12.4	9.9	27.1	2.73	-9.7	28.9	1.5	1.5	OK
3		-9.7	55.7	5.76	18.5	242.6	13.1	9.9	27.1	2.74	-9.7	28.9	1.5	1.5	OK
1	37	-6.7	61.3	9.2	27	242.6	8.99	13.7	27.1	1.98	-6.7	19.3	1.45	1.45	OK
2		-9.7	52.4	5.42	19.6	242.6	12.4	9.9	27.1	2.73	-9.7	28.9	1.5	1.5	OK
3		-9.7	55.7	5.76	18.5	242.6	13.1	9.9	27.1	2.74	-9.7	28.9	1.5	1.5	OK
1	38	-6.7	61.3	9.2	27	242.6	8.99	13.7	27.1	1.98	-6.7	19.3	1.45	1.45	OK
2		-9.7	52.4	5.42	19.6	242.6	12.4	9.9	27.1	2.73	-9.7	28.9	1.5	1.5	OK
3		-9.7	55.7	5.76	18.5	242.6	13.1	9.9	27.1	2.74	-9.7	28.9	1.5	1.5	OK
1	39	-6.7	61.3	9.2	27	242.6	8.99	13.7	27.1	1.98	-6.7	19.3	1.45	1.45	OK
2		-9.7	52.4	5.42	19.6	242.6	12.4	9.9	27.1	2.73	-9.7	28.9	1.5	1.5	OK
3		-9.7	55.7	5.76	18.5	242.6	13.1	9.9	27.1	2.74	-9.7	28.9	1.5	1.5	OK
1	40	-6.7	61.3	9.2	27	242.6	8.99	13.7	27.1	1.98	-6.7	19.3	1.45	1.45	OK
2		-9.7	52.4	5.42	19.6	242.6	12.4	9.9	27.1	2.73	-9.7	28.9	1.5	1.5	OK
3		-9.7	55.7	5.76	18.5	242.6	13.1	9.9	27.1	2.74	-9.7	28.9	1.5	1.5	OK

Verifica parete n. 6 - piano 1 ; fili : 2 - 8

		taglio			presso-fles			ribalt			scorr				
		OK:csic = 10.4			OK:csic = 5.21			OK:csic = 2.57			OK:csic = 1.88				
mas	comb.	Vsd	Vrd	csic	Ncsd	Ncrd	csic	Ntsd	Ntrd	cisc	Vsd	Vrd	csic	csic	status
chio	num.	[kN]	[kN]		[kN]	[kN]		[kN]	[kN]		[kN]	[kN]		min	ver.
1	1	0	14.9	999	16.7	88.2	5.3	0	18.8	1884	0	7	999	5.3	OK
2		0	12.7	999	12.9	88.2	6.83	0	18.8	1884	0	10.5	999	6.83	OK
3		0	13.5	999	11.4	88.2	7.77	0	18.8	1884	0	10.5	999	7.77	OK
1	2	0	33.5	999	25.4	132.4	5.21	0	27.1	2710	0	10.5	999	5.21	OK
2		0	28.6	999	19.6	132.4	6.74	0	27.1	2710	0	15.8	999	6.74	OK
3		0	30.4	999	17.3	132.4	7.66	0	27.1	2710	0	15.8	999	7.66	OK
1	3	0	33.5	999	24.7	132.4	5.37	0	27.1	2710	0	10.5	999	5.37	OK
2		0	28.6	999	19	132.4	6.95	0	27.1	2710	0	15.8	999	6.95	OK
3		0	30.4	999	16.7	132.4	7.91	0	27.1	2710	0	15.8	999	7.91	OK
1	4	0	33.5	999	23.7	132.4	5.58	0	27.1	2710	0	10.5	999	5.58	OK
2		0	28.6	999	18.3	132.4	7.22	0	27.1	2710	0	15.8	999	7.22	OK

Verifica parete n. 6 - piano 1 ; fili : 2 - 8

3		0	30.4	999	16.1	132.4	8.22	0	27.1	2710	0	15.8	999	8.22	OK
1	5	0	40.9	999	23	161.8	7.03	0	27.1	2710	0	12.9	999	7.03	OK
2		0	34.9	999	17.8	161.8	9.09	0	27.1	2710	0	19.3	999	9.09	OK
3		0	37.2	999	15.6	161.8	10.3	0	27.1	2710	0	19.3	999	10.3	OK
1	6	3.9	40.9	10.4	25.4	161.8	6.37	0	27.1	2710	3.9	12.9	3.27	3.27	OK
2		5.7	34.9	6.11	19.9	161.8	8.12	0	27.1	2710	5.7	19.3	3.38	3.38	OK
3		5.7	37.2	6.5	18.6	161.8	8.69	0	27.1	2710	5.7	19.3	3.38	3.38	OK
1	7	0	40.9	999	23	161.8	7.03	0	27.1	2710	0	12.9	999	7.03	OK
2		0	34.9	999	17.8	161.8	9.09	0	27.1	2710	0	19.3	999	9.09	OK
3		0	37.2	999	15.6	161.8	10.3	0	27.1	2710	0	19.3	999	10.3	OK
1	8	3.9	40.9	10.4	26.5	161.8	6.1	0	27.1	2710	3.9	12.9	3.27	3.27	OK
2		5.7	34.9	6.11	20.3	161.8	7.96	0	27.1	2710	5.7	19.3	3.38	3.38	OK
3		5.7	37.2	6.5	18.2	161.8	8.86	0	27.1	2710	5.7	19.3	3.38	3.38	OK
1	9	1.5	61.3	11.9	37.6	242.6	6.45	3.2	27.1	8.55	1.5	19.3	1.88	1.88	OK
2		2.2	52.4	7.02	22.6	242.6	10.8	2.3	27.1	11.8	2.2	28.9	1.94	1.94	OK
3		2.2	55.7	7.47	21.3	242.6	11.4	2.3	27.1	11.8	2.2	28.9	1.94	1.94	OK
1	10	1.5	61.3	11.9	37.6	242.6	6.45	3.2	27.1	8.55	1.5	19.3	1.88	1.88	OK
2		2.2	52.4	7.02	22.6	242.6	10.8	2.3	27.1	11.8	2.2	28.9	1.94	1.94	OK
3		2.2	55.7	7.47	21.3	242.6	11.4	2.3	27.1	11.8	2.2	28.9	1.94	1.94	OK
1	11	1.5	61.3	11.9	37.6	242.6	6.45	3.2	27.1	8.55	1.5	19.3	1.88	1.88	OK
2		2.2	52.4	7.02	22.6	242.6	10.8	2.3	27.1	11.8	2.2	28.9	1.94	1.94	OK
3		2.2	55.7	7.47	21.3	242.6	11.4	2.3	27.1	11.8	2.2	28.9	1.94	1.94	OK
1	12	1.5	61.3	11.9	37.6	242.6	6.45	3.2	27.1	8.55	1.5	19.3	1.88	1.88	OK
2		2.2	52.4	7.02	22.6	242.6	10.8	2.3	27.1	11.8	2.2	28.9	1.94	1.94	OK
3		2.2	55.7	7.47	21.3	242.6	11.4	2.3	27.1	11.8	2.2	28.9	1.94	1.94	OK
1	13	-1.5	61.3	11.9	37.6	242.6	6.45	3.2	27.1	8.55	-1.5	19.3	1.88	1.88	OK
2		-2.2	52.4	7.02	22.6	242.6	10.8	2.3	27.1	11.8	-2.2	28.9	1.94	1.94	OK
3		-2.2	55.7	7.47	21.3	242.6	11.4	2.3	27.1	11.8	-2.2	28.9	1.94	1.94	OK
1	14	-1.5	61.3	11.9	37.6	242.6	6.45	3.2	27.1	8.55	-1.5	19.3	1.88	1.88	OK
2		-2.2	52.4	7.02	22.6	242.6	10.8	2.3	27.1	11.8	-2.2	28.9	1.94	1.94	OK
3		-2.2	55.7	7.47	21.3	242.6	11.4	2.3	27.1	11.8	-2.2	28.9	1.94	1.94	OK
1	15	-1.5	61.3	11.9	37.6	242.6	6.45	3.2	27.1	8.55	-1.5	19.3	1.88	1.88	OK
2		-2.2	52.4	7.02	22.6	242.6	10.8	2.3	27.1	11.8	-2.2	28.9	1.94	1.94	OK
3		-2.2	55.7	7.47	21.3	242.6	11.4	2.3	27.1	11.8	-2.2	28.9	1.94	1.94	OK
1	16	-1.5	61.3	11.9	37.6	242.6	6.45	3.2	27.1	8.55	-1.5	19.3	1.88	1.88	OK
2		-2.2	52.4	7.02	22.6	242.6	10.8	2.3	27.1	11.8	-2.2	28.9	1.94	1.94	OK
3		-2.2	55.7	7.47	21.3	242.6	11.4	2.3	27.1	11.8	-2.2	28.9	1.94	1.94	OK
1	17	1.5	61.3	11.9	37.6	242.6	6.45	3.2	27.1	8.55	1.5	19.3	1.88	1.88	OK
2		2.2	52.4	7.02	22.6	242.6	10.8	2.3	27.1	11.8	2.2	28.9	1.94	1.94	OK
3		2.2	55.7	7.47	21.3	242.6	11.4	2.3	27.1	11.8	2.2	28.9	1.94	1.94	OK
1	18	1.5	61.3	11.9	37.6	242.6	6.45	3.2	27.1	8.55	1.5	19.3	1.88	1.88	OK
2		2.2	52.4	7.02	22.6	242.6	10.8	2.3	27.1	11.8	2.2	28.9	1.94	1.94	OK
3		2.2	55.7	7.47	21.3	242.6	11.4	2.3	27.1	11.8	2.2	28.9	1.94	1.94	OK
1	19	1.5	61.3	11.9	37.6	242.6	6.45	3.2	27.1	8.55	1.5	19.3	1.88	1.88	OK
2		2.2	52.4	7.02	22.6	242.6	10.8	2.3	27.1	11.8	2.2	28.9	1.94	1.94	OK
3		2.2	55.7	7.47	21.3	242.6	11.4	2.3	27.1	11.8	2.2	28.9	1.94	1.94	OK
1	20	1.5	61.3	11.9	37.6	242.6	6.45	3.2	27.1	8.55	1.5	19.3	1.88	1.88	OK

Verifica parete n. 6 - piano 1 ; fili : 2 - 8

2		2.2	52.4	7.02	22.6	242.6	10.8	2.3	27.1	11.8	2.2	28.9	1.94	1.94	OK
3		2.2	55.7	7.47	21.3	242.6	11.4	2.3	27.1	11.8	2.2	28.9	1.94	1.94	OK
1	21	-1.5	61.3	11.9	37.6	242.6	6.45	3.2	27.1	8.55	-1.5	19.3	1.88	1.88	OK
2		-2.2	52.4	7.02	22.6	242.6	10.8	2.3	27.1	11.8	-2.2	28.9	1.94	1.94	OK
3		-2.2	55.7	7.47	21.3	242.6	11.4	2.3	27.1	11.8	-2.2	28.9	1.94	1.94	OK
1	22	-1.5	61.3	11.9	37.6	242.6	6.45	3.2	27.1	8.55	-1.5	19.3	1.88	1.88	OK
2		-2.2	52.4	7.02	22.6	242.6	10.8	2.3	27.1	11.8	-2.2	28.9	1.94	1.94	OK
3		-2.2	55.7	7.47	21.3	242.6	11.4	2.3	27.1	11.8	-2.2	28.9	1.94	1.94	OK
1	23	-1.5	61.3	11.9	37.6	242.6	6.45	3.2	27.1	8.55	-1.5	19.3	1.88	1.88	OK
2		-2.2	52.4	7.02	22.6	242.6	10.8	2.3	27.1	11.8	-2.2	28.9	1.94	1.94	OK
3		-2.2	55.7	7.47	21.3	242.6	11.4	2.3	27.1	11.8	-2.2	28.9	1.94	1.94	OK
1	24	-1.5	61.3	11.9	37.6	242.6	6.45	3.2	27.1	8.55	-1.5	19.3	1.88	1.88	OK
2		-2.2	52.4	7.02	22.6	242.6	10.8	2.3	27.1	11.8	-2.2	28.9	1.94	1.94	OK
3		-2.2	55.7	7.47	21.3	242.6	11.4	2.3	27.1	11.8	-2.2	28.9	1.94	1.94	OK
1	25	5.1	61.3	11.9	32.7	242.6	7.41	10.6	27.1	2.57	5.1	19.3	1.88	1.88	OK
2		7.5	52.4	7.02	21.2	242.6	11.4	7.7	27.1	3.54	7.5	28.9	1.94	1.94	OK
3		7.5	55.7	7.47	19.9	242.6	12.2	7.6	27.1	3.55	7.5	28.9	1.94	1.94	OK
1	26	5.1	61.3	11.9	32.7	242.6	7.41	10.6	27.1	2.57	5.1	19.3	1.88	1.88	OK
2		7.5	52.4	7.02	21.2	242.6	11.4	7.7	27.1	3.54	7.5	28.9	1.94	1.94	OK
3		7.5	55.7	7.47	19.9	242.6	12.2	7.6	27.1	3.55	7.5	28.9	1.94	1.94	OK
1	27	5.1	61.3	11.9	32.7	242.6	7.41	10.6	27.1	2.57	5.1	19.3	1.88	1.88	OK
2		7.5	52.4	7.02	21.2	242.6	11.4	7.7	27.1	3.54	7.5	28.9	1.94	1.94	OK
3		7.5	55.7	7.47	19.9	242.6	12.2	7.6	27.1	3.55	7.5	28.9	1.94	1.94	OK
1	28	5.1	61.3	11.9	32.7	242.6	7.41	10.6	27.1	2.57	5.1	19.3	1.88	1.88	OK
2		7.5	52.4	7.02	21.2	242.6	11.4	7.7	27.1	3.54	7.5	28.9	1.94	1.94	OK
3		7.5	55.7	7.47	19.9	242.6	12.2	7.6	27.1	3.55	7.5	28.9	1.94	1.94	OK
1	29	5.1	61.3	11.9	32.7	242.6	7.41	10.6	27.1	2.57	5.1	19.3	1.88	1.88	OK
2		7.5	52.4	7.02	21.2	242.6	11.4	7.7	27.1	3.54	7.5	28.9	1.94	1.94	OK
3		7.5	55.7	7.47	19.9	242.6	12.2	7.6	27.1	3.55	7.5	28.9	1.94	1.94	OK
1	30	5.1	61.3	11.9	32.7	242.6	7.41	10.6	27.1	2.57	5.1	19.3	1.88	1.88	OK
2		7.5	52.4	7.02	21.2	242.6	11.4	7.7	27.1	3.54	7.5	28.9	1.94	1.94	OK
3		7.5	55.7	7.47	19.9	242.6	12.2	7.6	27.1	3.55	7.5	28.9	1.94	1.94	OK
1	31	5.1	61.3	11.9	32.7	242.6	7.41	10.6	27.1	2.57	5.1	19.3	1.88	1.88	OK
2		7.5	52.4	7.02	21.2	242.6	11.4	7.7	27.1	3.54	7.5	28.9	1.94	1.94	OK
3		7.5	55.7	7.47	19.9	242.6	12.2	7.6	27.1	3.55	7.5	28.9	1.94	1.94	OK
1	32	5.1	61.3	11.9	32.7	242.6	7.41	10.6	27.1	2.57	5.1	19.3	1.88	1.88	OK
2		7.5	52.4	7.02	21.2	242.6	11.4	7.7	27.1	3.54	7.5	28.9	1.94	1.94	OK
3		7.5	55.7	7.47	19.9	242.6	12.2	7.6	27.1	3.55	7.5	28.9	1.94	1.94	OK
1	33	-5.1	61.3	11.9	32.7	242.6	7.41	10.6	27.1	2.57	-5.1	19.3	1.88	1.88	OK
2		-7.5	52.4	7.02	21.2	242.6	11.4	7.7	27.1	3.54	-7.5	28.9	1.94	1.94	OK
3		-7.5	55.7	7.47	19.9	242.6	12.2	7.6	27.1	3.55	-7.5	28.9	1.94	1.94	OK
1	34	-5.1	61.3	11.9	32.7	242.6	7.41	10.6	27.1	2.57	-5.1	19.3	1.88	1.88	OK
2		-7.5	52.4	7.02	21.2	242.6	11.4	7.7	27.1	3.54	-7.5	28.9	1.94	1.94	OK
3		-7.5	55.7	7.47	19.9	242.6	12.2	7.6	27.1	3.55	-7.5	28.9	1.94	1.94	OK
1	35	-5.1	61.3	11.9	32.7	242.6	7.41	10.6	27.1	2.57	-5.1	19.3	1.88	1.88	OK
2		-7.5	52.4	7.02	21.2	242.6	11.4	7.7	27.1	3.54	-7.5	28.9	1.94	1.94	OK
3		-7.5	55.7	7.47	19.9	242.6	12.2	7.6	27.1	3.55	-7.5	28.9	1.94	1.94	OK

Verifica parete n. 6 - piano 1 ; fili : 2 - 8															
1	36	-5.1	61.3	11.9	32.7	242.6	7.41	10.6	27.1	2.57	-5.1	19.3	1.88	1.88	OK
2		-7.5	52.4	7.02	21.2	242.6	11.4	7.7	27.1	3.54	-7.5	28.9	1.94	1.94	OK
3		-7.5	55.7	7.47	19.9	242.6	12.2	7.6	27.1	3.55	-7.5	28.9	1.94	1.94	OK
1	37	-5.1	61.3	11.9	32.7	242.6	7.41	10.6	27.1	2.57	-5.1	19.3	1.88	1.88	OK
2		-7.5	52.4	7.02	21.2	242.6	11.4	7.7	27.1	3.54	-7.5	28.9	1.94	1.94	OK
3		-7.5	55.7	7.47	19.9	242.6	12.2	7.6	27.1	3.55	-7.5	28.9	1.94	1.94	OK
1	38	-5.1	61.3	11.9	32.7	242.6	7.41	10.6	27.1	2.57	-5.1	19.3	1.88	1.88	OK
2		-7.5	52.4	7.02	21.2	242.6	11.4	7.7	27.1	3.54	-7.5	28.9	1.94	1.94	OK
3		-7.5	55.7	7.47	19.9	242.6	12.2	7.6	27.1	3.55	-7.5	28.9	1.94	1.94	OK
1	39	-5.1	61.3	11.9	32.7	242.6	7.41	10.6	27.1	2.57	-5.1	19.3	1.88	1.88	OK
2		-7.5	52.4	7.02	21.2	242.6	11.4	7.7	27.1	3.54	-7.5	28.9	1.94	1.94	OK
3		-7.5	55.7	7.47	19.9	242.6	12.2	7.6	27.1	3.55	-7.5	28.9	1.94	1.94	OK
1	40	-5.1	61.3	11.9	32.7	242.6	7.41	10.6	27.1	2.57	-5.1	19.3	1.88	1.88	OK
2		-7.5	52.4	7.02	21.2	242.6	11.4	7.7	27.1	3.54	-7.5	28.9	1.94	1.94	OK
3		-7.5	55.7	7.47	19.9	242.6	12.2	7.6	27.1	3.55	-7.5	28.9	1.94	1.94	OK

Verifica parete n. 7 - piano 1 ; fili : 3 - 9															
		taglio			presso-fles			ribalt			scorr				
		OK:csic = 9.2			OK:csic = 7.22			OK:csic = 1.98			OK:csic = 1.45				
mas	comb.	Vsd	Vrd	csic	Ncsd	Ncrd	csic	Ntsd	Ntrd	cisc	Vsd	Vrd	csic	csic	status
chio	num.	[kN]	[kN]		[kN]	[kN]		[kN]	[kN]		[kN]	[kN]		min	ver.
1	1	0	14.9	999	12.2	88.2	7.22	0	18.8	1884	0	7	999	7.22	OK
2		0	12.7	999	9.7	88.2	9.1	0	18.8	1884	0	10.5	999	9.1	OK
3		0	13.5	999	8.4	88.2	10.5	0	18.8	1884	0	10.5	999	10.5	OK
1	2	0	33.5	999	17.8	132.4	7.46	0	27.1	2710	0	10.5	999	7.46	OK
2		0	28.6	999	14	132.4	9.44	0	27.1	2710	0	15.8	999	9.44	OK
3		0	30.4	999	12.2	132.4	10.9	0	27.1	2710	0	15.8	999	10.9	OK
1	3	0	33.5	999	17.4	132.4	7.62	0	27.1	2710	0	10.5	999	7.62	OK
2		0	28.6	999	13.7	132.4	9.67	0	27.1	2710	0	15.8	999	9.67	OK
3		0	30.4	999	11.9	132.4	11.1	0	27.1	2710	0	15.8	999	11.1	OK
1	4	0	33.5	999	16.7	132.4	7.91	0	27.1	2710	0	10.5	999	7.91	OK
2		0	28.6	999	13.2	132.4	10	0	27.1	2710	0	15.8	999	10	OK
3		0	30.4	999	11.4	132.4	11.6	0	27.1	2710	0	15.8	999	11.6	OK
1	5	0	40.9	999	16.2	161.8	9.96	0	27.1	2710	0	12.9	999	9.96	OK
2		0	34.9	999	12.8	161.8	12.6	0	27.1	2710	0	19.3	999	12.6	OK
3		0	37.2	999	11.1	161.8	14.5	0	27.1	2710	0	19.3	999	14.5	OK
1	6	3.9	40.9	10.4	18.6	161.8	8.68	0	27.1	2710	3.9	12.9	3.27	3.27	OK
2		5.7	34.9	6.11	15	161.8	10.8	0	27.1	2710	5.7	19.3	3.38	3.38	OK
3		5.7	37.2	6.5	14.1	161.8	11.5	0	27.1	2710	5.7	19.3	3.38	3.38	OK
1	7	0	40.9	999	16.2	161.8	9.96	0	27.1	2710	0	12.9	999	9.96	OK
2		0	34.9	999	12.8	161.8	12.6	0	27.1	2710	0	19.3	999	12.6	OK
3		0	37.2	999	11.1	161.8	14.5	0	27.1	2710	0	19.3	999	14.5	OK
1	8	3.9	40.9	10.4	19.8	161.8	8.19	0	27.1	2710	3.9	12.9	3.27	3.27	OK
2		5.7	34.9	6.11	15.4	161.8	10.5	0	27.1	2710	5.7	19.3	3.38	3.38	OK
3		5.7	37.2	6.5	13.7	161.8	11.8	0	27.1	2710	5.7	19.3	3.38	3.38	OK
1	9	2	61.3	16.1	26.5	242.6	9.15	4.1	27.1	6.6	2	19.3	2.53	2.53	OK
2		2.9	52.4	9.45	16.4	242.6	14.8	3	27.1	9.08	2.9	28.9	2.61	2.61	OK

Verifica parete n. 7 - piano 1 ; fili : 3 - 9

3		2.9	55.7	10.1	15.3	242.6	15.8	3	27.1	9.11	2.9	28.9	2.61	2.61	OK
1	10	2	61.3	16.1	26.5	242.6	9.15	4.1	27.1	6.6	2	19.3	2.53	2.53	OK
2		2.9	52.4	9.45	16.4	242.6	14.8	3	27.1	9.08	2.9	28.9	2.61	2.61	OK
3		2.9	55.7	10.1	15.3	242.6	15.8	3	27.1	9.11	2.9	28.9	2.61	2.61	OK
1	11	2	61.3	16.1	26.5	242.6	9.15	4.1	27.1	6.6	2	19.3	2.53	2.53	OK
2		2.9	52.4	9.45	16.4	242.6	14.8	3	27.1	9.08	2.9	28.9	2.61	2.61	OK
3		2.9	55.7	10.1	15.3	242.6	15.8	3	27.1	9.11	2.9	28.9	2.61	2.61	OK
1	12	2	61.3	16.1	26.5	242.6	9.15	4.1	27.1	6.6	2	19.3	2.53	2.53	OK
2		2.9	52.4	9.45	16.4	242.6	14.8	3	27.1	9.08	2.9	28.9	2.61	2.61	OK
3		2.9	55.7	10.1	15.3	242.6	15.8	3	27.1	9.11	2.9	28.9	2.61	2.61	OK
1	13	-2	61.3	16.1	26.5	242.6	9.15	4.1	27.1	6.6	-2	19.3	2.53	2.53	OK
2		-2.9	52.4	9.45	16.4	242.6	14.8	3	27.1	9.08	-2.9	28.9	2.61	2.61	OK
3		-2.9	55.7	10.1	15.3	242.6	15.8	3	27.1	9.11	-2.9	28.9	2.61	2.61	OK
1	14	-2	61.3	16.1	26.5	242.6	9.15	4.1	27.1	6.6	-2	19.3	2.53	2.53	OK
2		-2.9	52.4	9.45	16.4	242.6	14.8	3	27.1	9.08	-2.9	28.9	2.61	2.61	OK
3		-2.9	55.7	10.1	15.3	242.6	15.8	3	27.1	9.11	-2.9	28.9	2.61	2.61	OK
1	15	-2	61.3	16.1	26.5	242.6	9.15	4.1	27.1	6.6	-2	19.3	2.53	2.53	OK
2		-2.9	52.4	9.45	16.4	242.6	14.8	3	27.1	9.08	-2.9	28.9	2.61	2.61	OK
3		-2.9	55.7	10.1	15.3	242.6	15.8	3	27.1	9.11	-2.9	28.9	2.61	2.61	OK
1	16	-2	61.3	16.1	26.5	242.6	9.15	4.1	27.1	6.6	-2	19.3	2.53	2.53	OK
2		-2.9	52.4	9.45	16.4	242.6	14.8	3	27.1	9.08	-2.9	28.9	2.61	2.61	OK
3		-2.9	55.7	10.1	15.3	242.6	15.8	3	27.1	9.11	-2.9	28.9	2.61	2.61	OK
1	17	2	61.3	16.1	26.5	242.6	9.15	4.1	27.1	6.6	2	19.3	2.53	2.53	OK
2		2.9	52.4	9.45	16.4	242.6	14.8	3	27.1	9.08	2.9	28.9	2.61	2.61	OK
3		2.9	55.7	10.1	15.3	242.6	15.8	3	27.1	9.11	2.9	28.9	2.61	2.61	OK
1	18	2	61.3	16.1	26.5	242.6	9.15	4.1	27.1	6.6	2	19.3	2.53	2.53	OK
2		2.9	52.4	9.45	16.4	242.6	14.8	3	27.1	9.08	2.9	28.9	2.61	2.61	OK
3		2.9	55.7	10.1	15.3	242.6	15.8	3	27.1	9.11	2.9	28.9	2.61	2.61	OK
1	19	2	61.3	16.1	26.5	242.6	9.15	4.1	27.1	6.6	2	19.3	2.53	2.53	OK
2		2.9	52.4	9.45	16.4	242.6	14.8	3	27.1	9.08	2.9	28.9	2.61	2.61	OK
3		2.9	55.7	10.1	15.3	242.6	15.8	3	27.1	9.11	2.9	28.9	2.61	2.61	OK
1	20	2	61.3	16.1	26.5	242.6	9.15	4.1	27.1	6.6	2	19.3	2.53	2.53	OK
2		2.9	52.4	9.45	16.4	242.6	14.8	3	27.1	9.08	2.9	28.9	2.61	2.61	OK
3		2.9	55.7	10.1	15.3	242.6	15.8	3	27.1	9.11	2.9	28.9	2.61	2.61	OK
1	21	-2	61.3	16.1	26.5	242.6	9.15	4.1	27.1	6.6	-2	19.3	2.53	2.53	OK
2		-2.9	52.4	9.45	16.4	242.6	14.8	3	27.1	9.08	-2.9	28.9	2.61	2.61	OK
3		-2.9	55.7	10.1	15.3	242.6	15.8	3	27.1	9.11	-2.9	28.9	2.61	2.61	OK
1	22	-2	61.3	16.1	26.5	242.6	9.15	4.1	27.1	6.6	-2	19.3	2.53	2.53	OK
2		-2.9	52.4	9.45	16.4	242.6	14.8	3	27.1	9.08	-2.9	28.9	2.61	2.61	OK
3		-2.9	55.7	10.1	15.3	242.6	15.8	3	27.1	9.11	-2.9	28.9	2.61	2.61	OK
1	23	-2	61.3	16.1	26.5	242.6	9.15	4.1	27.1	6.6	-2	19.3	2.53	2.53	OK
2		-2.9	52.4	9.45	16.4	242.6	14.8	3	27.1	9.08	-2.9	28.9	2.61	2.61	OK
3		-2.9	55.7	10.1	15.3	242.6	15.8	3	27.1	9.11	-2.9	28.9	2.61	2.61	OK
1	24	-2	61.3	16.1	26.5	242.6	9.15	4.1	27.1	6.6	-2	19.3	2.53	2.53	OK
2		-2.9	52.4	9.45	16.4	242.6	14.8	3	27.1	9.08	-2.9	28.9	2.61	2.61	OK
3		-2.9	55.7	10.1	15.3	242.6	15.8	3	27.1	9.11	-2.9	28.9	2.61	2.61	OK
1	25	6.7	61.3	9.2	26.8	242.6	9.04	13.7	27.1	1.98	6.7	19.3	1.45	1.45	OK

Verifica parete n. 7 - piano 1 ; fili : 3 - 9

2		9.7	52.4	5.42	19.5	242.6	12.4	9.9	27.1	2.73	9.7	28.9	1.5	1.5	OK
3		9.7	55.7	5.76	18.4	242.6	13.2	9.9	27.1	2.74	9.7	28.9	1.5	1.5	OK
1	26	6.7	61.3	9.2	26.8	242.6	9.04	13.7	27.1	1.98	6.7	19.3	1.45	1.45	OK
2		9.7	52.4	5.42	19.5	242.6	12.4	9.9	27.1	2.73	9.7	28.9	1.5	1.5	OK
3		9.7	55.7	5.76	18.4	242.6	13.2	9.9	27.1	2.74	9.7	28.9	1.5	1.5	OK
1	27	6.7	61.3	9.2	26.8	242.6	9.04	13.7	27.1	1.98	6.7	19.3	1.45	1.45	OK
2		9.7	52.4	5.42	19.5	242.6	12.4	9.9	27.1	2.73	9.7	28.9	1.5	1.5	OK
3		9.7	55.7	5.76	18.4	242.6	13.2	9.9	27.1	2.74	9.7	28.9	1.5	1.5	OK
1	28	6.7	61.3	9.2	26.8	242.6	9.04	13.7	27.1	1.98	6.7	19.3	1.45	1.45	OK
2		9.7	52.4	5.42	19.5	242.6	12.4	9.9	27.1	2.73	9.7	28.9	1.5	1.5	OK
3		9.7	55.7	5.76	18.4	242.6	13.2	9.9	27.1	2.74	9.7	28.9	1.5	1.5	OK
1	29	6.7	61.3	9.2	26.8	242.6	9.04	13.7	27.1	1.98	6.7	19.3	1.45	1.45	OK
2		9.7	52.4	5.42	19.5	242.6	12.4	9.9	27.1	2.73	9.7	28.9	1.5	1.5	OK
3		9.7	55.7	5.76	18.4	242.6	13.2	9.9	27.1	2.74	9.7	28.9	1.5	1.5	OK
1	30	6.7	61.3	9.2	26.8	242.6	9.04	13.7	27.1	1.98	6.7	19.3	1.45	1.45	OK
2		9.7	52.4	5.42	19.5	242.6	12.4	9.9	27.1	2.73	9.7	28.9	1.5	1.5	OK
3		9.7	55.7	5.76	18.4	242.6	13.2	9.9	27.1	2.74	9.7	28.9	1.5	1.5	OK
1	31	6.7	61.3	9.2	26.8	242.6	9.04	13.7	27.1	1.98	6.7	19.3	1.45	1.45	OK
2		9.7	52.4	5.42	19.5	242.6	12.4	9.9	27.1	2.73	9.7	28.9	1.5	1.5	OK
3		9.7	55.7	5.76	18.4	242.6	13.2	9.9	27.1	2.74	9.7	28.9	1.5	1.5	OK
1	32	6.7	61.3	9.2	26.8	242.6	9.04	13.7	27.1	1.98	6.7	19.3	1.45	1.45	OK
2		9.7	52.4	5.42	19.5	242.6	12.4	9.9	27.1	2.73	9.7	28.9	1.5	1.5	OK
3		9.7	55.7	5.76	18.4	242.6	13.2	9.9	27.1	2.74	9.7	28.9	1.5	1.5	OK
1	33	-6.7	61.3	9.2	26.8	242.6	9.04	13.7	27.1	1.98	-6.7	19.3	1.45	1.45	OK
2		-9.7	52.4	5.42	19.5	242.6	12.4	9.9	27.1	2.73	-9.7	28.9	1.5	1.5	OK
3		-9.7	55.7	5.76	18.4	242.6	13.2	9.9	27.1	2.74	-9.7	28.9	1.5	1.5	OK
1	34	-6.7	61.3	9.2	26.8	242.6	9.04	13.7	27.1	1.98	-6.7	19.3	1.45	1.45	OK
2		-9.7	52.4	5.42	19.5	242.6	12.4	9.9	27.1	2.73	-9.7	28.9	1.5	1.5	OK
3		-9.7	55.7	5.76	18.4	242.6	13.2	9.9	27.1	2.74	-9.7	28.9	1.5	1.5	OK
1	35	-6.7	61.3	9.2	26.8	242.6	9.04	13.7	27.1	1.98	-6.7	19.3	1.45	1.45	OK
2		-9.7	52.4	5.42	19.5	242.6	12.4	9.9	27.1	2.73	-9.7	28.9	1.5	1.5	OK
3		-9.7	55.7	5.76	18.4	242.6	13.2	9.9	27.1	2.74	-9.7	28.9	1.5	1.5	OK
1	36	-6.7	61.3	9.2	26.8	242.6	9.04	13.7	27.1	1.98	-6.7	19.3	1.45	1.45	OK
2		-9.7	52.4	5.42	19.5	242.6	12.4	9.9	27.1	2.73	-9.7	28.9	1.5	1.5	OK
3		-9.7	55.7	5.76	18.4	242.6	13.2	9.9	27.1	2.74	-9.7	28.9	1.5	1.5	OK
1	37	-6.7	61.3	9.2	26.8	242.6	9.04	13.7	27.1	1.98	-6.7	19.3	1.45	1.45	OK
2		-9.7	52.4	5.42	19.5	242.6	12.4	9.9	27.1	2.73	-9.7	28.9	1.5	1.5	OK
3		-9.7	55.7	5.76	18.4	242.6	13.2	9.9	27.1	2.74	-9.7	28.9	1.5	1.5	OK
1	38	-6.7	61.3	9.2	26.8	242.6	9.04	13.7	27.1	1.98	-6.7	19.3	1.45	1.45	OK
2		-9.7	52.4	5.42	19.5	242.6	12.4	9.9	27.1	2.73	-9.7	28.9	1.5	1.5	OK
3		-9.7	55.7	5.76	18.4	242.6	13.2	9.9	27.1	2.74	-9.7	28.9	1.5	1.5	OK
1	39	-6.7	61.3	9.2	26.8	242.6	9.04	13.7	27.1	1.98	-6.7	19.3	1.45	1.45	OK
2		-9.7	52.4	5.42	19.5	242.6	12.4	9.9	27.1	2.73	-9.7	28.9	1.5	1.5	OK
3		-9.7	55.7	5.76	18.4	242.6	13.2	9.9	27.1	2.74	-9.7	28.9	1.5	1.5	OK
1	40	-6.7	61.3	9.2	26.8	242.6	9.04	13.7	27.1	1.98	-6.7	19.3	1.45	1.45	OK
2		-9.7	52.4	5.42	19.5	242.6	12.4	9.9	27.1	2.73	-9.7	28.9	1.5	1.5	OK
3		-9.7	55.7	5.76	18.4	242.6	13.2	9.9	27.1	2.74	-9.7	28.9	1.5	1.5	OK

Verifica parete n. 8 - piano 2 ; fili : 1 - 3

		taglio			presso-fles			ribalt			scorr				
		OK:csic = 16.2			OK:csic = 21.8			OK:csic = 1.5			OK:csic = 5.14				
mas	comb.	Vsd	Vrd	csic	Ncsd	Ncrd	csic	Ntsd	Ntrd	cisc	Vsd	Vrd	csic	csic	status
chio	num.	[kN]	[kN]		[kN]	[kN]		[kN]	[kN]		[kN]	[kN]		min	ver.
1	1	0	14.7	999	2.4	85.2	35.6	0	6.9	692	0	14	999	35.6	OK
2		0	12.7	999	1.8	85.2	47.5	0	6.9	692	0	21	999	47.5	OK
3		0	16	999	1.7	85.2	50	0	6.9	692	0	21	999	50	OK
1	2	0	33.1	999	3.3	127.8	39.1	0	10.4	1039	0	21	999	39.1	OK
2		0	28.6	999	2.4	127.8	52.2	0	10.4	1039	0	31.6	999	52.2	OK
3		0	35.9	999	2.3	127.8	54.9	0	10.4	1039	0	31.6	999	54.9	OK
1	3	0	33.1	999	3	127.8	42.6	0	10.4	1039	0	21	999	42.6	OK
2		0	28.6	999	2.2	127.8	56.7	0	10.4	1039	0	31.6	999	56.7	OK
3		0	35.9	999	2.1	127.8	59.7	0	10.4	1039	0	31.6	999	59.7	OK
1	4	0	33.1	999	3	127.8	42.6	0	10.4	1039	0	21	999	42.6	OK
2		0	28.6	999	2.2	127.8	56.7	0	10.4	1039	0	31.6	999	56.7	OK
3		0	35.9	999	2.1	127.8	59.7	0	10.4	1039	0	31.6	999	59.7	OK
1	5	1.4	40.5	28.2	4.7	156.2	33.3	0	12.7	1269	1.4	25.7	17.9	17.9	OK
2		2.1	34.9	16.7	3.5	156.2	44.9	0	12.7	1269	2.1	38.6	18.5	16.7	OK
3		2.7	43.9	16.1	3.5	156.2	44.4	0	12.7	1269	2.7	38.6	14.1	14.1	OK
1	6	0	40.5	999	3	156.2	52	0	12.7	1269	0	25.7	999	52	OK
2		0	34.9	999	2.2	156.2	69.4	0	12.7	1269	0	38.6	999	69.4	OK
3		0	43.9	999	2.1	156.2	73	0	12.7	1269	0	38.6	999	73	OK
1	7	1.4	40.5	28.2	4.7	156.2	33.3	0	12.7	1269	1.4	25.7	17.9	17.9	OK
2		2.1	34.9	16.7	3.5	156.2	44.9	0	12.7	1269	2.1	38.6	18.5	16.7	OK
3		2.7	43.9	16.1	3.5	156.2	44.4	0	12.7	1269	2.7	38.6	14.1	14.1	OK
1	8	0	40.5	999	3	156.2	52	0	12.7	1269	0	25.7	999	52	OK
2		0	34.9	999	2.2	156.2	69.4	0	12.7	1269	0	38.6	999	69.4	OK
3		0	43.9	999	2.1	156.2	73	0	12.7	1269	0	38.6	999	73	OK
1	9	3.8	60.7	16.2	10.8	234.2	21.8	12.7	19	1.5	3.8	38.6	5.14	1.5	OK
2		5.4	52.4	9.62	7.8	234.2	29.8	5.6	19	3.37	5.4	57.9	5.31	3.37	OK
3		7.1	65.9	9.22	8.6	234.2	27.3	6.5	19	2.92	7.1	57.9	4.05	2.92	OK
1	10	3.8	60.7	16.2	10.8	234.2	21.8	12.7	19	1.5	3.8	38.6	5.14	1.5	OK
2		5.4	52.4	9.62	7.8	234.2	29.8	5.6	19	3.37	5.4	57.9	5.31	3.37	OK
3		7.1	65.9	9.22	8.6	234.2	27.3	6.5	19	2.92	7.1	57.9	4.05	2.92	OK
1	11	3.8	60.7	16.2	10.8	234.2	21.8	12.7	19	1.5	3.8	38.6	5.14	1.5	OK
2		5.4	52.4	9.62	7.8	234.2	29.8	5.6	19	3.37	5.4	57.9	5.31	3.37	OK
3		7.1	65.9	9.22	8.6	234.2	27.3	6.5	19	2.92	7.1	57.9	4.05	2.92	OK
1	12	3.8	60.7	16.2	10.8	234.2	21.8	12.7	19	1.5	3.8	38.6	5.14	1.5	OK
2		5.4	52.4	9.62	7.8	234.2	29.8	5.6	19	3.37	5.4	57.9	5.31	3.37	OK
3		7.1	65.9	9.22	8.6	234.2	27.3	6.5	19	2.92	7.1	57.9	4.05	2.92	OK
1	13	3.7	60.7	16.2	10.7	234.2	21.8	12.6	19	1.51	3.7	38.6	5.15	1.51	OK
2		5.4	52.4	9.64	7.8	234.2	29.9	5.6	19	3.38	5.4	57.9	5.33	3.38	OK
3		7.1	65.9	9.24	8.6	234.2	27.4	6.5	19	2.94	7.1	57.9	4.06	2.94	OK
1	14	3.7	60.7	16.2	10.7	234.2	21.8	12.6	19	1.51	3.7	38.6	5.15	1.51	OK
2		5.4	52.4	9.64	7.8	234.2	29.9	5.6	19	3.38	5.4	57.9	5.33	3.38	OK
3		7.1	65.9	9.24	8.6	234.2	27.4	6.5	19	2.94	7.1	57.9	4.06	2.94	OK
1	15	3.7	60.7	16.2	10.7	234.2	21.8	12.6	19	1.51	3.7	38.6	5.15	1.51	OK

Verifica parete n. 8 - piano 2 ; fili : 1 - 3

2		5.4	52.4	9.64	7.8	234.2	29.9	5.6	19	3.38	5.4	57.9	5.33	3.38	OK
3		7.1	65.9	9.24	8.6	234.2	27.4	6.5	19	2.94	7.1	57.9	4.06	2.94	OK
1	16	3.7	60.7	16.2	10.7	234.2	21.8	12.6	19	1.51	3.7	38.6	5.15	1.51	OK
2		5.4	52.4	9.64	7.8	234.2	29.9	5.6	19	3.38	5.4	57.9	5.33	3.38	OK
3		7.1	65.9	9.24	8.6	234.2	27.4	6.5	19	2.94	7.1	57.9	4.06	2.94	OK
1	17	-3.7	60.7	16.2	10.7	234.2	21.8	12.6	19	1.51	-3.7	38.6	5.15	1.51	OK
2		-5.4	52.4	9.64	7.8	234.2	29.9	5.6	19	3.38	-5.4	57.9	5.33	3.38	OK
3		-7.1	65.9	9.24	8.6	234.2	27.4	6.5	19	2.94	-7.1	57.9	4.06	2.94	OK
1	18	-3.7	60.7	16.2	10.7	234.2	21.8	12.6	19	1.51	-3.7	38.6	5.15	1.51	OK
2		-5.4	52.4	9.64	7.8	234.2	29.9	5.6	19	3.38	-5.4	57.9	5.33	3.38	OK
3		-7.1	65.9	9.24	8.6	234.2	27.4	6.5	19	2.94	-7.1	57.9	4.06	2.94	OK
1	19	-3.7	60.7	16.2	10.7	234.2	21.8	12.6	19	1.51	-3.7	38.6	5.15	1.51	OK
2		-5.4	52.4	9.64	7.8	234.2	29.9	5.6	19	3.38	-5.4	57.9	5.33	3.38	OK
3		-7.1	65.9	9.24	8.6	234.2	27.4	6.5	19	2.94	-7.1	57.9	4.06	2.94	OK
1	20	-3.7	60.7	16.2	10.7	234.2	21.8	12.6	19	1.51	-3.7	38.6	5.15	1.51	OK
2		-5.4	52.4	9.64	7.8	234.2	29.9	5.6	19	3.38	-5.4	57.9	5.33	3.38	OK
3		-7.1	65.9	9.24	8.6	234.2	27.4	6.5	19	2.94	-7.1	57.9	4.06	2.94	OK
1	21	-3.8	60.7	16.2	10.8	234.2	21.8	12.7	19	1.5	-3.8	38.6	5.14	1.5	OK
2		-5.4	52.4	9.62	7.8	234.2	29.8	5.6	19	3.37	-5.4	57.9	5.31	3.37	OK
3		-7.1	65.9	9.22	8.6	234.2	27.3	6.5	19	2.92	-7.1	57.9	4.05	2.92	OK
1	22	-3.8	60.7	16.2	10.8	234.2	21.8	12.7	19	1.5	-3.8	38.6	5.14	1.5	OK
2		-5.4	52.4	9.62	7.8	234.2	29.8	5.6	19	3.37	-5.4	57.9	5.31	3.37	OK
3		-7.1	65.9	9.22	8.6	234.2	27.3	6.5	19	2.92	-7.1	57.9	4.05	2.92	OK
1	23	-3.8	60.7	16.2	10.8	234.2	21.8	12.7	19	1.5	-3.8	38.6	5.14	1.5	OK
2		-5.4	52.4	9.62	7.8	234.2	29.8	5.6	19	3.37	-5.4	57.9	5.31	3.37	OK
3		-7.1	65.9	9.22	8.6	234.2	27.3	6.5	19	2.92	-7.1	57.9	4.05	2.92	OK
1	24	-3.8	60.7	16.2	10.8	234.2	21.8	12.7	19	1.5	-3.8	38.6	5.14	1.5	OK
2		-5.4	52.4	9.62	7.8	234.2	29.8	5.6	19	3.37	-5.4	57.9	5.31	3.37	OK
3		-7.1	65.9	9.22	8.6	234.2	27.3	6.5	19	2.92	-7.1	57.9	4.05	2.92	OK
1	25	1.1	60.7	53.3	5.4	234.2	43.6	2.4	19	8.04	1.1	38.6	17	8.04	OK
2		1.7	52.4	31.7	3.6	234.2	65.1	1.7	19	11.1	1.7	57.9	17.5	11.1	OK
3		2.2	65.9	30.4	3.8	234.2	62.2	1.9	19	9.84	2.2	57.9	13.4	9.84	OK
1	26	1.1	60.7	53.3	5.4	234.2	43.6	2.4	19	8.04	1.1	38.6	17	8.04	OK
2		1.7	52.4	31.7	3.6	234.2	65.1	1.7	19	11.1	1.7	57.9	17.5	11.1	OK
3		2.2	65.9	30.4	3.8	234.2	62.2	1.9	19	9.84	2.2	57.9	13.4	9.84	OK
1	27	1.1	60.7	53.3	5.4	234.2	43.6	2.4	19	8.04	1.1	38.6	17	8.04	OK
2		1.7	52.4	31.7	3.6	234.2	65.1	1.7	19	11.1	1.7	57.9	17.5	11.1	OK
3		2.2	65.9	30.4	3.8	234.2	62.2	1.9	19	9.84	2.2	57.9	13.4	9.84	OK
1	28	1.1	60.7	53.3	5.4	234.2	43.6	2.4	19	8.04	1.1	38.6	17	8.04	OK
2		1.7	52.4	31.7	3.6	234.2	65.1	1.7	19	11.1	1.7	57.9	17.5	11.1	OK
3		2.2	65.9	30.4	3.8	234.2	62.2	1.9	19	9.84	2.2	57.9	13.4	9.84	OK
1	29	-1.1	60.7	54.7	5.3	234.2	43.9	2.3	19	8.24	-1.1	38.6	17.4	8.24	OK
2		-1.6	52.4	32.5	3.6	234.2	65.8	1.7	19	11.3	-1.6	57.9	18	11.3	OK
3		-2.1	65.9	31.2	3.7	234.2	63	1.9	19	10.1	-2.1	57.9	13.7	10.1	OK
1	30	-1.1	60.7	54.7	5.3	234.2	43.9	2.3	19	8.24	-1.1	38.6	17.4	8.24	OK
2		-1.6	52.4	32.5	3.6	234.2	65.8	1.7	19	11.3	-1.6	57.9	18	11.3	OK
3		-2.1	65.9	31.2	3.7	234.2	63	1.9	19	10.1	-2.1	57.9	13.7	10.1	OK

Verifica parete n. 8 - piano 2 ; fili : 1 - 3

1	31	-1.1	60.7	54.7	5.3	234.2	43.9	2.3	19	8.24	-1.1	38.6	17.4	8.24	OK
2		-1.6	52.4	32.5	3.6	234.2	65.8	1.7	19	11.3	-1.6	57.9	18	11.3	OK
3		-2.1	65.9	31.2	3.7	234.2	63	1.9	19	10.1	-2.1	57.9	13.7	10.1	OK
1	32	-1.1	60.7	54.7	5.3	234.2	43.9	2.3	19	8.24	-1.1	38.6	17.4	8.24	OK
2		-1.6	52.4	32.5	3.6	234.2	65.8	1.7	19	11.3	-1.6	57.9	18	11.3	OK
3		-2.1	65.9	31.2	3.7	234.2	63	1.9	19	10.1	-2.1	57.9	13.7	10.1	OK
1	33	1.1	60.7	54.7	5.3	234.2	43.9	2.3	19	8.24	1.1	38.6	17.4	8.24	OK
2		1.6	52.4	32.5	3.6	234.2	65.8	1.7	19	11.3	1.6	57.9	18	11.3	OK
3		2.1	65.9	31.2	3.7	234.2	63	1.9	19	10.1	2.1	57.9	13.7	10.1	OK
1	34	1.1	60.7	54.7	5.3	234.2	43.9	2.3	19	8.24	1.1	38.6	17.4	8.24	OK
2		1.6	52.4	32.5	3.6	234.2	65.8	1.7	19	11.3	1.6	57.9	18	11.3	OK
3		2.1	65.9	31.2	3.7	234.2	63	1.9	19	10.1	2.1	57.9	13.7	10.1	OK
1	35	1.1	60.7	54.7	5.3	234.2	43.9	2.3	19	8.24	1.1	38.6	17.4	8.24	OK
2		1.6	52.4	32.5	3.6	234.2	65.8	1.7	19	11.3	1.6	57.9	18	11.3	OK
3		2.1	65.9	31.2	3.7	234.2	63	1.9	19	10.1	2.1	57.9	13.7	10.1	OK
1	36	1.1	60.7	54.7	5.3	234.2	43.9	2.3	19	8.24	1.1	38.6	17.4	8.24	OK
2		1.6	52.4	32.5	3.6	234.2	65.8	1.7	19	11.3	1.6	57.9	18	11.3	OK
3		2.1	65.9	31.2	3.7	234.2	63	1.9	19	10.1	2.1	57.9	13.7	10.1	OK
1	37	-1.1	60.7	53.3	5.4	234.2	43.6	2.4	19	8.04	-1.1	38.6	17	8.04	OK
2		-1.7	52.4	31.7	3.6	234.2	65.1	1.7	19	11.1	-1.7	57.9	17.5	11.1	OK
3		-2.2	65.9	30.4	3.8	234.2	62.2	1.9	19	9.84	-2.2	57.9	13.4	9.84	OK
1	38	-1.1	60.7	53.3	5.4	234.2	43.6	2.4	19	8.04	-1.1	38.6	17	8.04	OK
2		-1.7	52.4	31.7	3.6	234.2	65.1	1.7	19	11.1	-1.7	57.9	17.5	11.1	OK
3		-2.2	65.9	30.4	3.8	234.2	62.2	1.9	19	9.84	-2.2	57.9	13.4	9.84	OK
1	39	-1.1	60.7	53.3	5.4	234.2	43.6	2.4	19	8.04	-1.1	38.6	17	8.04	OK
2		-1.7	52.4	31.7	3.6	234.2	65.1	1.7	19	11.1	-1.7	57.9	17.5	11.1	OK
3		-2.2	65.9	30.4	3.8	234.2	62.2	1.9	19	9.84	-2.2	57.9	13.4	9.84	OK
1	40	-1.1	60.7	53.3	5.4	234.2	43.6	2.4	19	8.04	-1.1	38.6	17	8.04	OK
2		-1.7	52.4	31.7	3.6	234.2	65.1	1.7	19	11.1	-1.7	57.9	17.5	11.1	OK
3		-2.2	65.9	30.4	3.8	234.2	62.2	1.9	19	9.84	-2.2	57.9	13.4	9.84	OK

Verifica parete n. 9 - piano 2 ; fili : 4 - 5

		taglio			presso-fles			ribalt			scorr				
		OK:csic = 13.5			OK:csic = 15.2			OK:csic = 1.3			OK:csic = 6.11				
mas	comb.	Vsd	Vrd	csic	Ncsd	Ncrd	csic	Ntsd	Ntrd	cisc	Vsd	Vrd	csic	csic	status
chio	num.	[kN]	[kN]		[kN]	[kN]		[kN]	[kN]		[kN]	[kN]		min	ver.
1	1	0	10.4	999	3.3	55.9	17	0	6.9	692	0	14	999	17	OK
2		0	6.1	999	2.2	55.9	24.8	0	6.9	692	0	14	999	24.8	OK
1	2	0	23.3	999	4.5	83.9	18.7	0	10.4	1039	0	21	999	18.7	OK
2		0	13.8	999	3.1	83.9	27.2	0	10.4	1039	0	21	999	27.2	OK
1	3	0	23.3	999	4.1	83.9	20.3	0	10.4	1039	0	21	999	20.3	OK
2		0	13.8	999	2.8	83.9	29.6	0	10.4	1039	0	21	999	29.6	OK
1	4	0	23.3	999	4.1	83.9	20.3	0	10.4	1039	0	21	999	20.3	OK
2		0	13.8	999	2.8	83.9	29.6	0	10.4	1039	0	21	999	29.6	OK
1	5	1.2	28.5	23.5	5.6	102.5	18.5	0	12.7	1269	1.2	25.7	21.2	18.5	OK
2		1.2	16.9	13.9	3.8	102.5	26.7	0	12.7	1269	1.2	25.7	21.2	13.9	OK
1	6	0	28.5	999	4.1	102.5	24.8	0	12.7	1269	0	25.7	999	24.8	OK

Verifica parete n. 9 - piano 2 ; fili : 4 - 5

2		0	16.9	999	2.8	102.5	36.2	0	12.7	1269	0	25.7	999	36.2	OK
1	7	1.2	28.5	23.5	5.6	102.5	18.5	0	12.7	1269	1.2	25.7	21.2	18.5	OK
2		1.2	16.9	13.9	3.8	102.5	26.7	0	12.7	1269	1.2	25.7	21.2	13.9	OK
1	8	0	28.5	999	4.1	102.5	24.8	0	12.7	1269	0	25.7	999	24.8	OK
2		0	16.9	999	2.8	102.5	36.2	0	12.7	1269	0	25.7	999	36.2	OK
1	9	3.2	42.7	13.5	10.1	153.7	15.2	14.6	19	1.3	3.2	38.6	6.11	1.3	OK
2		3.2	25.3	8.01	7	153.7	21.8	7.6	19	2.49	3.2	38.6	6.11	2.49	OK
1	10	3.2	42.7	13.5	10.1	153.7	15.2	14.6	19	1.3	3.2	38.6	6.11	1.3	OK
2		3.2	25.3	8.01	7	153.7	21.8	7.6	19	2.49	3.2	38.6	6.11	2.49	OK
1	11	3.2	42.7	13.5	10.1	153.7	15.2	14.6	19	1.3	3.2	38.6	6.11	1.3	OK
2		3.2	25.3	8.01	7	153.7	21.8	7.6	19	2.49	3.2	38.6	6.11	2.49	OK
1	12	3.2	42.7	13.5	10.1	153.7	15.2	14.6	19	1.3	3.2	38.6	6.11	1.3	OK
2		3.2	25.3	8.01	7	153.7	21.8	7.6	19	2.49	3.2	38.6	6.11	2.49	OK
1	13	3.2	42.7	13.5	10.1	153.7	15.2	14.6	19	1.3	3.2	38.6	6.11	1.3	OK
2		3.2	25.3	8.01	7	153.7	21.8	7.6	19	2.49	3.2	38.6	6.11	2.49	OK
1	14	3.2	42.7	13.5	10.1	153.7	15.2	14.6	19	1.3	3.2	38.6	6.11	1.3	OK
2		3.2	25.3	8.01	7	153.7	21.8	7.6	19	2.49	3.2	38.6	6.11	2.49	OK
1	15	3.2	42.7	13.5	10.1	153.7	15.2	14.6	19	1.3	3.2	38.6	6.11	1.3	OK
2		3.2	25.3	8.01	7	153.7	21.8	7.6	19	2.49	3.2	38.6	6.11	2.49	OK
1	16	3.2	42.7	13.5	10.1	153.7	15.2	14.6	19	1.3	3.2	38.6	6.11	1.3	OK
2		3.2	25.3	8.01	7	153.7	21.8	7.6	19	2.49	3.2	38.6	6.11	2.49	OK
1	17	-3.2	42.7	13.5	10.1	153.7	15.2	14.6	19	1.3	-3.2	38.6	6.11	1.3	OK
2		-3.2	25.3	8.01	7	153.7	21.8	7.6	19	2.49	-3.2	38.6	6.11	2.49	OK
1	18	-3.2	42.7	13.5	10.1	153.7	15.2	14.6	19	1.3	-3.2	38.6	6.11	1.3	OK
2		-3.2	25.3	8.01	7	153.7	21.8	7.6	19	2.49	-3.2	38.6	6.11	2.49	OK
1	19	-3.2	42.7	13.5	10.1	153.7	15.2	14.6	19	1.3	-3.2	38.6	6.11	1.3	OK
2		-3.2	25.3	8.01	7	153.7	21.8	7.6	19	2.49	-3.2	38.6	6.11	2.49	OK
1	20	-3.2	42.7	13.5	10.1	153.7	15.2	14.6	19	1.3	-3.2	38.6	6.11	1.3	OK
2		-3.2	25.3	8.01	7	153.7	21.8	7.6	19	2.49	-3.2	38.6	6.11	2.49	OK
1	21	-3.2	42.7	13.5	10.1	153.7	15.2	14.6	19	1.3	-3.2	38.6	6.11	1.3	OK
2		-3.2	25.3	8.01	7	153.7	21.8	7.6	19	2.49	-3.2	38.6	6.11	2.49	OK
1	22	-3.2	42.7	13.5	10.1	153.7	15.2	14.6	19	1.3	-3.2	38.6	6.11	1.3	OK
2		-3.2	25.3	8.01	7	153.7	21.8	7.6	19	2.49	-3.2	38.6	6.11	2.49	OK
1	23	-3.2	42.7	13.5	10.1	153.7	15.2	14.6	19	1.3	-3.2	38.6	6.11	1.3	OK
2		-3.2	25.3	8.01	7	153.7	21.8	7.6	19	2.49	-3.2	38.6	6.11	2.49	OK
1	24	-3.2	42.7	13.5	10.1	153.7	15.2	14.6	19	1.3	-3.2	38.6	6.11	1.3	OK
2		-3.2	25.3	8.01	7	153.7	21.8	7.6	19	2.49	-3.2	38.6	6.11	2.49	OK
1	25	0.9	42.7	37.5	7.9	153.7	19.4	2.8	19	6.8	0.9	38.6	16.9	6.8	OK
2		0.9	25.3	22.2	4.6	153.7	33.3	2	19	9.65	0.9	38.6	16.9	9.65	OK
1	26	0.9	42.7	37.5	7.9	153.7	19.4	2.8	19	6.8	0.9	38.6	16.9	6.8	OK
2		0.9	25.3	22.2	4.6	153.7	33.3	2	19	9.65	0.9	38.6	16.9	9.65	OK
1	27	0.9	42.7	37.5	7.9	153.7	19.4	2.8	19	6.8	0.9	38.6	16.9	6.8	OK
2		0.9	25.3	22.2	4.6	153.7	33.3	2	19	9.65	0.9	38.6	16.9	9.65	OK
1	28	0.9	42.7	37.5	7.9	153.7	19.4	2.8	19	6.8	0.9	38.6	16.9	6.8	OK
2		0.9	25.3	22.2	4.6	153.7	33.3	2	19	9.65	0.9	38.6	16.9	9.65	OK
1	29	-0.9	42.7	37.5	7.9	153.7	19.4	2.8	19	6.8	-0.9	38.6	16.9	6.8	OK
2		-0.9	25.3	22.2	4.6	153.7	33.3	2	19	9.65	-0.9	38.6	16.9	9.65	OK

Verifica parete n. 9 - piano 2 ; fili : 4 - 5															
1	30	-0.9	42.7	37.5	7.9	153.7	19.4	2.8	19	6.8	-0.9	38.6	16.9	6.8	OK
2		-0.9	25.3	22.2	4.6	153.7	33.3	2	19	9.65	-0.9	38.6	16.9	9.65	OK
1	31	-0.9	42.7	37.5	7.9	153.7	19.4	2.8	19	6.8	-0.9	38.6	16.9	6.8	OK
2		-0.9	25.3	22.2	4.6	153.7	33.3	2	19	9.65	-0.9	38.6	16.9	9.65	OK
1	32	-0.9	42.7	37.5	7.9	153.7	19.4	2.8	19	6.8	-0.9	38.6	16.9	6.8	OK
2		-0.9	25.3	22.2	4.6	153.7	33.3	2	19	9.65	-0.9	38.6	16.9	9.65	OK
1	33	0.9	42.7	37.5	7.9	153.7	19.4	2.8	19	6.8	0.9	38.6	16.9	6.8	OK
2		0.9	25.3	22.2	4.6	153.7	33.3	2	19	9.65	0.9	38.6	16.9	9.65	OK
1	34	0.9	42.7	37.5	7.9	153.7	19.4	2.8	19	6.8	0.9	38.6	16.9	6.8	OK
2		0.9	25.3	22.2	4.6	153.7	33.3	2	19	9.65	0.9	38.6	16.9	9.65	OK
1	35	0.9	42.7	37.5	7.9	153.7	19.4	2.8	19	6.8	0.9	38.6	16.9	6.8	OK
2		0.9	25.3	22.2	4.6	153.7	33.3	2	19	9.65	0.9	38.6	16.9	9.65	OK
1	36	0.9	42.7	37.5	7.9	153.7	19.4	2.8	19	6.8	0.9	38.6	16.9	6.8	OK
2		0.9	25.3	22.2	4.6	153.7	33.3	2	19	9.65	0.9	38.6	16.9	9.65	OK
1	37	-0.9	42.7	37.5	7.9	153.7	19.4	2.8	19	6.8	-0.9	38.6	16.9	6.8	OK
2		-0.9	25.3	22.2	4.6	153.7	33.3	2	19	9.65	-0.9	38.6	16.9	9.65	OK
1	38	-0.9	42.7	37.5	7.9	153.7	19.4	2.8	19	6.8	-0.9	38.6	16.9	6.8	OK
2		-0.9	25.3	22.2	4.6	153.7	33.3	2	19	9.65	-0.9	38.6	16.9	9.65	OK
1	39	-0.9	42.7	37.5	7.9	153.7	19.4	2.8	19	6.8	-0.9	38.6	16.9	6.8	OK
2		-0.9	25.3	22.2	4.6	153.7	33.3	2	19	9.65	-0.9	38.6	16.9	9.65	OK
1	40	-0.9	42.7	37.5	7.9	153.7	19.4	2.8	19	6.8	-0.9	38.6	16.9	6.8	OK
2		-0.9	25.3	22.2	4.6	153.7	33.3	2	19	9.65	-0.9	38.6	16.9	9.65	OK

Verifica parete n. 10 - piano 2 ; fili : 5 - 6															
		taglio			presso-fles			ribalt			scorr				
		OK:csic = 13.5			OK:csic = 15.2			OK:csic = 1.3			OK:csic = 6.11				
mas	comb.	Vsd	Vrd	csic	Ncsd	Ncrd	csic	Ntsd	Ntrd	cisc	Vsd	Vrd	csic	csic	status
chio	num.	[kN]	[kN]		[kN]	[kN]		[kN]	[kN]		[kN]	[kN]		min	ver.
1	1	0	10.4	999	3.3	55.9	17	0	6.9	692	0	14	999	17	OK
2		0	6.1	999	2.2	55.9	24.8	0	6.9	692	0	14	999	24.8	OK
1	2	0	23.3	999	4.5	83.9	18.7	0	10.4	1039	0	21	999	18.7	OK
2		0	13.8	999	3.1	83.9	27.2	0	10.4	1039	0	21	999	27.2	OK
1	3	0	23.3	999	4.1	83.9	20.3	0	10.4	1039	0	21	999	20.3	OK
2		0	13.8	999	2.8	83.9	29.6	0	10.4	1039	0	21	999	29.6	OK
1	4	0	23.3	999	4.1	83.9	20.3	0	10.4	1039	0	21	999	20.3	OK
2		0	13.8	999	2.8	83.9	29.6	0	10.4	1039	0	21	999	29.6	OK
1	5	1.2	28.5	23.5	5.6	102.5	18.5	0	12.7	1269	1.2	25.7	21.2	18.5	OK
2		1.2	16.9	13.9	3.8	102.5	26.7	0	12.7	1269	1.2	25.7	21.2	13.9	OK
1	6	0	28.5	999	4.1	102.5	24.8	0	12.7	1269	0	25.7	999	24.8	OK
2		0	16.9	999	2.8	102.5	36.2	0	12.7	1269	0	25.7	999	36.2	OK
1	7	1.2	28.5	23.5	5.6	102.5	18.5	0	12.7	1269	1.2	25.7	21.2	18.5	OK
2		1.2	16.9	13.9	3.8	102.5	26.7	0	12.7	1269	1.2	25.7	21.2	13.9	OK
1	8	0	28.5	999	4.1	102.5	24.8	0	12.7	1269	0	25.7	999	24.8	OK
2		0	16.9	999	2.8	102.5	36.2	0	12.7	1269	0	25.7	999	36.2	OK
1	9	3.2	42.7	13.5	10.1	153.7	15.2	14.6	19	1.3	3.2	38.6	6.11	1.3	OK
2		3.2	25.3	8.01	7	153.7	21.8	7.6	19	2.49	3.2	38.6	6.11	2.49	OK
1	10	3.2	42.7	13.5	10.1	153.7	15.2	14.6	19	1.3	3.2	38.6	6.11	1.3	OK

Verifica parete n. 10 - piano 2 ; fili : 5 - 6

2		3.2	25.3	8.01	7	153.7	21.8	7.6	19	2.49	3.2	38.6	6.11	2.49	OK
1	11	3.2	42.7	13.5	10.1	153.7	15.2	14.6	19	1.3	3.2	38.6	6.11	1.3	OK
2		3.2	25.3	8.01	7	153.7	21.8	7.6	19	2.49	3.2	38.6	6.11	2.49	OK
1	12	3.2	42.7	13.5	10.1	153.7	15.2	14.6	19	1.3	3.2	38.6	6.11	1.3	OK
2		3.2	25.3	8.01	7	153.7	21.8	7.6	19	2.49	3.2	38.6	6.11	2.49	OK
1	13	3.2	42.7	13.5	10.1	153.7	15.2	14.6	19	1.3	3.2	38.6	6.11	1.3	OK
2		3.2	25.3	8.01	7	153.7	21.8	7.6	19	2.49	3.2	38.6	6.11	2.49	OK
1	14	3.2	42.7	13.5	10.1	153.7	15.2	14.6	19	1.3	3.2	38.6	6.11	1.3	OK
2		3.2	25.3	8.01	7	153.7	21.8	7.6	19	2.49	3.2	38.6	6.11	2.49	OK
1	15	3.2	42.7	13.5	10.1	153.7	15.2	14.6	19	1.3	3.2	38.6	6.11	1.3	OK
2		3.2	25.3	8.01	7	153.7	21.8	7.6	19	2.49	3.2	38.6	6.11	2.49	OK
1	16	3.2	42.7	13.5	10.1	153.7	15.2	14.6	19	1.3	3.2	38.6	6.11	1.3	OK
2		3.2	25.3	8.01	7	153.7	21.8	7.6	19	2.49	3.2	38.6	6.11	2.49	OK
1	17	-3.2	42.7	13.5	10.1	153.7	15.2	14.6	19	1.3	-3.2	38.6	6.11	1.3	OK
2		-3.2	25.3	8.01	7	153.7	21.8	7.6	19	2.49	-3.2	38.6	6.11	2.49	OK
1	18	-3.2	42.7	13.5	10.1	153.7	15.2	14.6	19	1.3	-3.2	38.6	6.11	1.3	OK
2		-3.2	25.3	8.01	7	153.7	21.8	7.6	19	2.49	-3.2	38.6	6.11	2.49	OK
1	19	-3.2	42.7	13.5	10.1	153.7	15.2	14.6	19	1.3	-3.2	38.6	6.11	1.3	OK
2		-3.2	25.3	8.01	7	153.7	21.8	7.6	19	2.49	-3.2	38.6	6.11	2.49	OK
1	20	-3.2	42.7	13.5	10.1	153.7	15.2	14.6	19	1.3	-3.2	38.6	6.11	1.3	OK
2		-3.2	25.3	8.01	7	153.7	21.8	7.6	19	2.49	-3.2	38.6	6.11	2.49	OK
1	21	-3.2	42.7	13.5	10.1	153.7	15.2	14.6	19	1.3	-3.2	38.6	6.11	1.3	OK
2		-3.2	25.3	8.01	7	153.7	21.8	7.6	19	2.49	-3.2	38.6	6.11	2.49	OK
1	22	-3.2	42.7	13.5	10.1	153.7	15.2	14.6	19	1.3	-3.2	38.6	6.11	1.3	OK
2		-3.2	25.3	8.01	7	153.7	21.8	7.6	19	2.49	-3.2	38.6	6.11	2.49	OK
1	23	-3.2	42.7	13.5	10.1	153.7	15.2	14.6	19	1.3	-3.2	38.6	6.11	1.3	OK
2		-3.2	25.3	8.01	7	153.7	21.8	7.6	19	2.49	-3.2	38.6	6.11	2.49	OK
1	24	-3.2	42.7	13.5	10.1	153.7	15.2	14.6	19	1.3	-3.2	38.6	6.11	1.3	OK
2		-3.2	25.3	8.01	7	153.7	21.8	7.6	19	2.49	-3.2	38.6	6.11	2.49	OK
1	25	0.9	42.7	37.5	7.9	153.7	19.4	2.8	19	6.8	0.9	38.6	16.9	6.8	OK
2		0.9	25.3	22.2	4.6	153.7	33.3	2	19	9.65	0.9	38.6	16.9	9.65	OK
1	26	0.9	42.7	37.5	7.9	153.7	19.4	2.8	19	6.8	0.9	38.6	16.9	6.8	OK
2		0.9	25.3	22.2	4.6	153.7	33.3	2	19	9.65	0.9	38.6	16.9	9.65	OK
1	27	0.9	42.7	37.5	7.9	153.7	19.4	2.8	19	6.8	0.9	38.6	16.9	6.8	OK
2		0.9	25.3	22.2	4.6	153.7	33.3	2	19	9.65	0.9	38.6	16.9	9.65	OK
1	28	0.9	42.7	37.5	7.9	153.7	19.4	2.8	19	6.8	0.9	38.6	16.9	6.8	OK
2		0.9	25.3	22.2	4.6	153.7	33.3	2	19	9.65	0.9	38.6	16.9	9.65	OK
1	29	-0.9	42.7	37.5	7.9	153.7	19.4	2.8	19	6.8	-0.9	38.6	16.9	6.8	OK
2		-0.9	25.3	22.2	4.6	153.7	33.3	2	19	9.65	-0.9	38.6	16.9	9.65	OK
1	30	-0.9	42.7	37.5	7.9	153.7	19.4	2.8	19	6.8	-0.9	38.6	16.9	6.8	OK
2		-0.9	25.3	22.2	4.6	153.7	33.3	2	19	9.65	-0.9	38.6	16.9	9.65	OK
1	31	-0.9	42.7	37.5	7.9	153.7	19.4	2.8	19	6.8	-0.9	38.6	16.9	6.8	OK
2		-0.9	25.3	22.2	4.6	153.7	33.3	2	19	9.65	-0.9	38.6	16.9	9.65	OK
1	32	-0.9	42.7	37.5	7.9	153.7	19.4	2.8	19	6.8	-0.9	38.6	16.9	6.8	OK
2		-0.9	25.3	22.2	4.6	153.7	33.3	2	19	9.65	-0.9	38.6	16.9	9.65	OK
1	33	0.9	42.7	37.5	7.9	153.7	19.4	2.8	19	6.8	0.9	38.6	16.9	6.8	OK
2		0.9	25.3	22.2	4.6	153.7	33.3	2	19	9.65	0.9	38.6	16.9	9.65	OK

Verifica parete n. 10 - piano 2 ; fili : 5 - 6															
1	34	0.9	42.7	37.5	7.9	153.7	19.4	2.8	19	6.8	0.9	38.6	16.9	6.8	OK
2		0.9	25.3	22.2	4.6	153.7	33.3	2	19	9.65	0.9	38.6	16.9	9.65	OK
1	35	0.9	42.7	37.5	7.9	153.7	19.4	2.8	19	6.8	0.9	38.6	16.9	6.8	OK
2		0.9	25.3	22.2	4.6	153.7	33.3	2	19	9.65	0.9	38.6	16.9	9.65	OK
1	36	0.9	42.7	37.5	7.9	153.7	19.4	2.8	19	6.8	0.9	38.6	16.9	6.8	OK
2		0.9	25.3	22.2	4.6	153.7	33.3	2	19	9.65	0.9	38.6	16.9	9.65	OK
1	37	-0.9	42.7	37.5	7.9	153.7	19.4	2.8	19	6.8	-0.9	38.6	16.9	6.8	OK
2		-0.9	25.3	22.2	4.6	153.7	33.3	2	19	9.65	-0.9	38.6	16.9	9.65	OK
1	38	-0.9	42.7	37.5	7.9	153.7	19.4	2.8	19	6.8	-0.9	38.6	16.9	6.8	OK
2		-0.9	25.3	22.2	4.6	153.7	33.3	2	19	9.65	-0.9	38.6	16.9	9.65	OK
1	39	-0.9	42.7	37.5	7.9	153.7	19.4	2.8	19	6.8	-0.9	38.6	16.9	6.8	OK
2		-0.9	25.3	22.2	4.6	153.7	33.3	2	19	9.65	-0.9	38.6	16.9	9.65	OK
1	40	-0.9	42.7	37.5	7.9	153.7	19.4	2.8	19	6.8	-0.9	38.6	16.9	6.8	OK
2		-0.9	25.3	22.2	4.6	153.7	33.3	2	19	9.65	-0.9	38.6	16.9	9.65	OK

Verifica parete n. 11 - piano 2 ; fili : 7 - 9															
		taglio			presso-fles			ribalt			scorr				
		OK:csic = 16.2			OK:csic = 21.8			OK:csic = 1.5			OK:csic = 5.14				
mas	comb.	Vsd	Vrd	csic	Ncsd	Ncrd	csic	Ntsd	Ntrd	cisc	Vsd	Vrd	csic	csic	status
chio	num.	[kN]	[kN]		[kN]	[kN]		[kN]	[kN]		[kN]	[kN]		min	ver.
1	1	0	14.7	999	2.4	85.2	35.6	0	6.9	692	0	14	999	35.6	OK
2		0	12.7	999	1.8	85.2	47.5	0	6.9	692	0	21	999	47.5	OK
3		0	16	999	1.7	85.2	50	0	6.9	692	0	21	999	50	OK
1	2	0	33.1	999	3.3	127.8	39.1	0	10.4	1039	0	21	999	39.1	OK
2		0	28.6	999	2.4	127.8	52.2	0	10.4	1039	0	31.6	999	52.2	OK
3		0	35.9	999	2.3	127.8	54.9	0	10.4	1039	0	31.6	999	54.9	OK
1	3	0	33.1	999	3	127.8	42.6	0	10.4	1039	0	21	999	42.6	OK
2		0	28.6	999	2.2	127.8	56.7	0	10.4	1039	0	31.6	999	56.7	OK
3		0	35.9	999	2.1	127.8	59.7	0	10.4	1039	0	31.6	999	59.7	OK
1	4	0	33.1	999	3	127.8	42.6	0	10.4	1039	0	21	999	42.6	OK
2		0	28.6	999	2.2	127.8	56.7	0	10.4	1039	0	31.6	999	56.7	OK
3		0	35.9	999	2.1	127.8	59.7	0	10.4	1039	0	31.6	999	59.7	OK
1	5	1.4	40.5	28.2	4.7	156.2	33.3	0	12.7	1269	1.4	25.7	17.9	17.9	OK
2		2.1	34.9	16.7	3.5	156.2	44.9	0	12.7	1269	2.1	38.6	18.5	16.7	OK
3		2.7	43.9	16.1	3.5	156.2	44.4	0	12.7	1269	2.7	38.6	14.1	14.1	OK
1	6	0	40.5	999	3	156.2	52	0	12.7	1269	0	25.7	999	52	OK
2		0	34.9	999	2.2	156.2	69.4	0	12.7	1269	0	38.6	999	69.4	OK
3		0	43.9	999	2.1	156.2	73	0	12.7	1269	0	38.6	999	73	OK
1	7	1.4	40.5	28.2	4.7	156.2	33.3	0	12.7	1269	1.4	25.7	17.9	17.9	OK
2		2.1	34.9	16.7	3.5	156.2	44.9	0	12.7	1269	2.1	38.6	18.5	16.7	OK
3		2.7	43.9	16.1	3.5	156.2	44.4	0	12.7	1269	2.7	38.6	14.1	14.1	OK
1	8	0	40.5	999	3	156.2	52	0	12.7	1269	0	25.7	999	52	OK
2		0	34.9	999	2.2	156.2	69.4	0	12.7	1269	0	38.6	999	69.4	OK
3		0	43.9	999	2.1	156.2	73	0	12.7	1269	0	38.6	999	73	OK
1	9	3.7	60.7	16.2	10.7	234.2	21.8	12.6	19	1.51	3.7	38.6	5.15	1.51	OK
2		5.4	52.4	9.64	7.8	234.2	29.9	5.6	19	3.38	5.4	57.9	5.33	3.38	OK
3		7.1	65.9	9.24	8.6	234.2	27.4	6.5	19	2.94	7.1	57.9	4.06	2.94	OK

Verifica parete n. 11 - piano 2 ; fili : 7 - 9

1	10	3.7	60.7	16.2	10.7	234.2	21.8	12.6	19	1.51	3.7	38.6	5.15	1.51	OK
2		5.4	52.4	9.64	7.8	234.2	29.9	5.6	19	3.38	5.4	57.9	5.33	3.38	OK
3		7.1	65.9	9.24	8.6	234.2	27.4	6.5	19	2.94	7.1	57.9	4.06	2.94	OK
1	11	3.7	60.7	16.2	10.7	234.2	21.8	12.6	19	1.51	3.7	38.6	5.15	1.51	OK
2		5.4	52.4	9.64	7.8	234.2	29.9	5.6	19	3.38	5.4	57.9	5.33	3.38	OK
3		7.1	65.9	9.24	8.6	234.2	27.4	6.5	19	2.94	7.1	57.9	4.06	2.94	OK
1	12	3.7	60.7	16.2	10.7	234.2	21.8	12.6	19	1.51	3.7	38.6	5.15	1.51	OK
2		5.4	52.4	9.64	7.8	234.2	29.9	5.6	19	3.38	5.4	57.9	5.33	3.38	OK
3		7.1	65.9	9.24	8.6	234.2	27.4	6.5	19	2.94	7.1	57.9	4.06	2.94	OK
1	13	3.8	60.7	16.2	10.8	234.2	21.8	12.7	19	1.5	3.8	38.6	5.14	1.5	OK
2		5.4	52.4	9.62	7.8	234.2	29.8	5.6	19	3.37	5.4	57.9	5.31	3.37	OK
3		7.1	65.9	9.22	8.6	234.2	27.3	6.5	19	2.92	7.1	57.9	4.05	2.92	OK
1	14	3.8	60.7	16.2	10.8	234.2	21.8	12.7	19	1.5	3.8	38.6	5.14	1.5	OK
2		5.4	52.4	9.62	7.8	234.2	29.8	5.6	19	3.37	5.4	57.9	5.31	3.37	OK
3		7.1	65.9	9.22	8.6	234.2	27.3	6.5	19	2.92	7.1	57.9	4.05	2.92	OK
1	15	3.8	60.7	16.2	10.8	234.2	21.8	12.7	19	1.5	3.8	38.6	5.14	1.5	OK
2		5.4	52.4	9.62	7.8	234.2	29.8	5.6	19	3.37	5.4	57.9	5.31	3.37	OK
3		7.1	65.9	9.22	8.6	234.2	27.3	6.5	19	2.92	7.1	57.9	4.05	2.92	OK
1	16	3.8	60.7	16.2	10.8	234.2	21.8	12.7	19	1.5	3.8	38.6	5.14	1.5	OK
2		5.4	52.4	9.62	7.8	234.2	29.8	5.6	19	3.37	5.4	57.9	5.31	3.37	OK
3		7.1	65.9	9.22	8.6	234.2	27.3	6.5	19	2.92	7.1	57.9	4.05	2.92	OK
1	17	-3.8	60.7	16.2	10.8	234.2	21.8	12.7	19	1.5	-3.8	38.6	5.14	1.5	OK
2		-5.4	52.4	9.62	7.8	234.2	29.8	5.6	19	3.37	-5.4	57.9	5.31	3.37	OK
3		-7.1	65.9	9.22	8.6	234.2	27.3	6.5	19	2.92	-7.1	57.9	4.05	2.92	OK
1	18	-3.8	60.7	16.2	10.8	234.2	21.8	12.7	19	1.5	-3.8	38.6	5.14	1.5	OK
2		-5.4	52.4	9.62	7.8	234.2	29.8	5.6	19	3.37	-5.4	57.9	5.31	3.37	OK
3		-7.1	65.9	9.22	8.6	234.2	27.3	6.5	19	2.92	-7.1	57.9	4.05	2.92	OK
1	19	-3.8	60.7	16.2	10.8	234.2	21.8	12.7	19	1.5	-3.8	38.6	5.14	1.5	OK
2		-5.4	52.4	9.62	7.8	234.2	29.8	5.6	19	3.37	-5.4	57.9	5.31	3.37	OK
3		-7.1	65.9	9.22	8.6	234.2	27.3	6.5	19	2.92	-7.1	57.9	4.05	2.92	OK
1	20	-3.8	60.7	16.2	10.8	234.2	21.8	12.7	19	1.5	-3.8	38.6	5.14	1.5	OK
2		-5.4	52.4	9.62	7.8	234.2	29.8	5.6	19	3.37	-5.4	57.9	5.31	3.37	OK
3		-7.1	65.9	9.22	8.6	234.2	27.3	6.5	19	2.92	-7.1	57.9	4.05	2.92	OK
1	21	-3.7	60.7	16.2	10.7	234.2	21.8	12.6	19	1.51	-3.7	38.6	5.15	1.51	OK
2		-5.4	52.4	9.64	7.8	234.2	29.9	5.6	19	3.38	-5.4	57.9	5.33	3.38	OK
3		-7.1	65.9	9.24	8.6	234.2	27.4	6.5	19	2.94	-7.1	57.9	4.06	2.94	OK
1	22	-3.7	60.7	16.2	10.7	234.2	21.8	12.6	19	1.51	-3.7	38.6	5.15	1.51	OK
2		-5.4	52.4	9.64	7.8	234.2	29.9	5.6	19	3.38	-5.4	57.9	5.33	3.38	OK
3		-7.1	65.9	9.24	8.6	234.2	27.4	6.5	19	2.94	-7.1	57.9	4.06	2.94	OK
1	23	-3.7	60.7	16.2	10.7	234.2	21.8	12.6	19	1.51	-3.7	38.6	5.15	1.51	OK
2		-5.4	52.4	9.64	7.8	234.2	29.9	5.6	19	3.38	-5.4	57.9	5.33	3.38	OK
3		-7.1	65.9	9.24	8.6	234.2	27.4	6.5	19	2.94	-7.1	57.9	4.06	2.94	OK
1	24	-3.7	60.7	16.2	10.7	234.2	21.8	12.6	19	1.51	-3.7	38.6	5.15	1.51	OK
2		-5.4	52.4	9.64	7.8	234.2	29.9	5.6	19	3.38	-5.4	57.9	5.33	3.38	OK
3		-7.1	65.9	9.24	8.6	234.2	27.4	6.5	19	2.94	-7.1	57.9	4.06	2.94	OK
1	25	1.1	60.7	54.7	5.3	234.2	43.9	2.3	19	8.24	1.1	38.6	17.4	8.24	OK
2		1.6	52.4	32.5	3.6	234.2	65.8	1.7	19	11.3	1.6	57.9	18	11.3	OK

Verifica parete n. 11 - piano 2 ; fili : 7 - 9

3		2.1	65.9	31.2	3.7	234.2	63	1.9	19	10.1	2.1	57.9	13.7	10.1	OK
1	26	1.1	60.7	54.7	5.3	234.2	43.9	2.3	19	8.24	1.1	38.6	17.4	8.24	OK
2		1.6	52.4	32.5	3.6	234.2	65.8	1.7	19	11.3	1.6	57.9	18	11.3	OK
3		2.1	65.9	31.2	3.7	234.2	63	1.9	19	10.1	2.1	57.9	13.7	10.1	OK
1	27	1.1	60.7	54.7	5.3	234.2	43.9	2.3	19	8.24	1.1	38.6	17.4	8.24	OK
2		1.6	52.4	32.5	3.6	234.2	65.8	1.7	19	11.3	1.6	57.9	18	11.3	OK
3		2.1	65.9	31.2	3.7	234.2	63	1.9	19	10.1	2.1	57.9	13.7	10.1	OK
1	28	1.1	60.7	54.7	5.3	234.2	43.9	2.3	19	8.24	1.1	38.6	17.4	8.24	OK
2		1.6	52.4	32.5	3.6	234.2	65.8	1.7	19	11.3	1.6	57.9	18	11.3	OK
3		2.1	65.9	31.2	3.7	234.2	63	1.9	19	10.1	2.1	57.9	13.7	10.1	OK
1	29	-1.1	60.7	53.3	5.4	234.2	43.6	2.4	19	8.04	-1.1	38.6	17	8.04	OK
2		-1.7	52.4	31.7	3.6	234.2	65.1	1.7	19	11.1	-1.7	57.9	17.5	11.1	OK
3		-2.2	65.9	30.4	3.8	234.2	62.2	1.9	19	9.84	-2.2	57.9	13.4	9.84	OK
1	30	-1.1	60.7	53.3	5.4	234.2	43.6	2.4	19	8.04	-1.1	38.6	17	8.04	OK
2		-1.7	52.4	31.7	3.6	234.2	65.1	1.7	19	11.1	-1.7	57.9	17.5	11.1	OK
3		-2.2	65.9	30.4	3.8	234.2	62.2	1.9	19	9.84	-2.2	57.9	13.4	9.84	OK
1	31	-1.1	60.7	53.3	5.4	234.2	43.6	2.4	19	8.04	-1.1	38.6	17	8.04	OK
2		-1.7	52.4	31.7	3.6	234.2	65.1	1.7	19	11.1	-1.7	57.9	17.5	11.1	OK
3		-2.2	65.9	30.4	3.8	234.2	62.2	1.9	19	9.84	-2.2	57.9	13.4	9.84	OK
1	32	-1.1	60.7	53.3	5.4	234.2	43.6	2.4	19	8.04	-1.1	38.6	17	8.04	OK
2		-1.7	52.4	31.7	3.6	234.2	65.1	1.7	19	11.1	-1.7	57.9	17.5	11.1	OK
3		-2.2	65.9	30.4	3.8	234.2	62.2	1.9	19	9.84	-2.2	57.9	13.4	9.84	OK
1	33	1.1	60.7	53.3	5.4	234.2	43.6	2.4	19	8.04	1.1	38.6	17	8.04	OK
2		1.7	52.4	31.7	3.6	234.2	65.1	1.7	19	11.1	1.7	57.9	17.5	11.1	OK
3		2.2	65.9	30.4	3.8	234.2	62.2	1.9	19	9.84	2.2	57.9	13.4	9.84	OK
1	34	1.1	60.7	53.3	5.4	234.2	43.6	2.4	19	8.04	1.1	38.6	17	8.04	OK
2		1.7	52.4	31.7	3.6	234.2	65.1	1.7	19	11.1	1.7	57.9	17.5	11.1	OK
3		2.2	65.9	30.4	3.8	234.2	62.2	1.9	19	9.84	2.2	57.9	13.4	9.84	OK
1	35	1.1	60.7	53.3	5.4	234.2	43.6	2.4	19	8.04	1.1	38.6	17	8.04	OK
2		1.7	52.4	31.7	3.6	234.2	65.1	1.7	19	11.1	1.7	57.9	17.5	11.1	OK
3		2.2	65.9	30.4	3.8	234.2	62.2	1.9	19	9.84	2.2	57.9	13.4	9.84	OK
1	36	1.1	60.7	53.3	5.4	234.2	43.6	2.4	19	8.04	1.1	38.6	17	8.04	OK
2		1.7	52.4	31.7	3.6	234.2	65.1	1.7	19	11.1	1.7	57.9	17.5	11.1	OK
3		2.2	65.9	30.4	3.8	234.2	62.2	1.9	19	9.84	2.2	57.9	13.4	9.84	OK
1	37	-1.1	60.7	54.7	5.3	234.2	43.9	2.3	19	8.24	-1.1	38.6	17.4	8.24	OK
2		-1.6	52.4	32.5	3.6	234.2	65.8	1.7	19	11.3	-1.6	57.9	18	11.3	OK
3		-2.1	65.9	31.2	3.7	234.2	63	1.9	19	10.1	-2.1	57.9	13.7	10.1	OK
1	38	-1.1	60.7	54.7	5.3	234.2	43.9	2.3	19	8.24	-1.1	38.6	17.4	8.24	OK
2		-1.6	52.4	32.5	3.6	234.2	65.8	1.7	19	11.3	-1.6	57.9	18	11.3	OK
3		-2.1	65.9	31.2	3.7	234.2	63	1.9	19	10.1	-2.1	57.9	13.7	10.1	OK
1	39	-1.1	60.7	54.7	5.3	234.2	43.9	2.3	19	8.24	-1.1	38.6	17.4	8.24	OK
2		-1.6	52.4	32.5	3.6	234.2	65.8	1.7	19	11.3	-1.6	57.9	18	11.3	OK
3		-2.1	65.9	31.2	3.7	234.2	63	1.9	19	10.1	-2.1	57.9	13.7	10.1	OK
1	40	-1.1	60.7	54.7	5.3	234.2	43.9	2.3	19	8.24	-1.1	38.6	17.4	8.24	OK
2		-1.6	52.4	32.5	3.6	234.2	65.8	1.7	19	11.3	-1.6	57.9	18	11.3	OK
3		-2.1	65.9	31.2	3.7	234.2	63	1.9	19	10.1	-2.1	57.9	13.7	10.1	OK

Verifica parete n. 12 - piano 2 ; fili : 1 - 7

		taglio			presso-fles			ribalt			scorr				
		OK:csic = 12			OK:csic = 12.3			OK:csic = 1.32			OK:csic = 3.86				
mas	comb.	Vsd	Vrd	csic	Ncsd	Ncrd	csic	Ntsd	Ntrd	cisc	Vsd	Vrd	csic	csic	status
chio	num.	[kN]	[kN]		[kN]	[kN]		[kN]	[kN]		[kN]	[kN]		min	ver.
1	1	0	14.6	999	6.9	84.7	12.3	0	6.9	692	0	14	999	12.3	OK
2		0	12.7	999	5.7	84.7	14.9	0	6.9	692	0	21	999	14.9	OK
3		0	13.5	999	4.8	84.7	17.7	0	6.9	692	0	21	999	17.7	OK
1	2	0	32.9	999	8.3	127.1	15.2	0	10.4	1039	0	21	999	15.2	OK
2		0	28.6	999	7	127.1	18.3	0	10.4	1039	0	31.6	999	18.3	OK
3		0	30.3	999	5.8	127.1	21.8	0	10.4	1039	0	31.6	999	21.8	OK
1	3	0	32.9	999	9.2	127.1	13.8	0	10.4	1039	0	21	999	13.8	OK
2		0	28.6	999	7.5	127.1	16.8	0	10.4	1039	0	31.6	999	16.8	OK
3		0	30.3	999	6.4	127.1	20	0	10.4	1039	0	31.6	999	20	OK
1	4	0	32.9	999	8.5	127.1	14.9	0	10.4	1039	0	21	999	14.9	OK
2		0	28.6	999	7.1	127.1	18	0	10.4	1039	0	31.6	999	18	OK
3		0	30.3	999	5.9	127.1	21.4	0	10.4	1039	0	31.6	999	21.4	OK
1	5	0	40.2	999	8	155.3	19.3	0	12.7	1269	0	25.7	999	19.3	OK
2		0	34.9	999	6.7	155.3	23.2	0	12.7	1269	0	38.6	999	23.2	OK
3		0	37	999	5.6	155.3	27.6	0	12.7	1269	0	38.6	999	27.6	OK
1	6	1.3	40.2	30.5	8.3	155.3	18.8	0	12.7	1269	1.3	25.7	19.6	18.8	OK
2		1.9	34.9	18.3	7.1	155.3	21.9	0	12.7	1269	1.9	38.6	20.2	18.3	OK
3		1.9	37	19.4	6.5	155.3	23.8	0	12.7	1269	1.9	38.6	20.2	19.4	OK
1	7	0	40.2	999	8	155.3	19.3	0	12.7	1269	0	25.7	999	19.3	OK
2		0	34.9	999	6.7	155.3	23.2	0	12.7	1269	0	38.6	999	23.2	OK
3		0	37	999	5.6	155.3	27.6	0	12.7	1269	0	38.6	999	27.6	OK
1	8	1.3	40.2	30.5	8.9	155.3	17.4	0	12.7	1269	1.3	25.7	19.6	17.4	OK
2		1.9	34.9	18.3	7.3	155.3	21.2	0	12.7	1269	1.9	38.6	20.2	18.3	OK
3		1.9	37	19.4	6.3	155.3	24.6	0	12.7	1269	1.9	38.6	20.2	19.4	OK
1	9	1.5	60.2	21.5	17.5	232.9	13.3	3.1	19	6.06	1.5	38.6	6.87	6.06	OK
2		2.2	52.4	12.8	10.6	232.9	21.9	2.3	19	8.32	2.2	57.9	7.09	7.09	OK
3		2.2	55.5	13.6	9.9	232.9	23.5	2.3	19	8.36	2.2	57.9	7.09	7.09	OK
1	10	1.5	60.2	21.5	17.5	232.9	13.3	3.1	19	6.06	1.5	38.6	6.87	6.06	OK
2		2.2	52.4	12.8	10.6	232.9	21.9	2.3	19	8.32	2.2	57.9	7.09	7.09	OK
3		2.2	55.5	13.6	9.9	232.9	23.5	2.3	19	8.36	2.2	57.9	7.09	7.09	OK
1	11	1.5	60.2	21.5	17.5	232.9	13.3	3.1	19	6.06	1.5	38.6	6.87	6.06	OK
2		2.2	52.4	12.8	10.6	232.9	21.9	2.3	19	8.32	2.2	57.9	7.09	7.09	OK
3		2.2	55.5	13.6	9.9	232.9	23.5	2.3	19	8.36	2.2	57.9	7.09	7.09	OK
1	12	1.5	60.2	21.5	17.5	232.9	13.3	3.1	19	6.06	1.5	38.6	6.87	6.06	OK
2		2.2	52.4	12.8	10.6	232.9	21.9	2.3	19	8.32	2.2	57.9	7.09	7.09	OK
3		2.2	55.5	13.6	9.9	232.9	23.5	2.3	19	8.36	2.2	57.9	7.09	7.09	OK
1	13	-1.5	60.2	21.5	17.5	232.9	13.3	3.1	19	6.06	-1.5	38.6	6.87	6.06	OK
2		-2.2	52.4	12.8	10.6	232.9	21.9	2.3	19	8.32	-2.2	57.9	7.09	7.09	OK
3		-2.2	55.5	13.6	9.9	232.9	23.5	2.3	19	8.36	-2.2	57.9	7.09	7.09	OK
1	14	-1.5	60.2	21.5	17.5	232.9	13.3	3.1	19	6.06	-1.5	38.6	6.87	6.06	OK
2		-2.2	52.4	12.8	10.6	232.9	21.9	2.3	19	8.32	-2.2	57.9	7.09	7.09	OK
3		-2.2	55.5	13.6	9.9	232.9	23.5	2.3	19	8.36	-2.2	57.9	7.09	7.09	OK
1	15	-1.5	60.2	21.5	17.5	232.9	13.3	3.1	19	6.06	-1.5	38.6	6.87	6.06	OK

Verifica parete n. 12 - piano 2 ; fili : 1 - 7

2		-2.2	52.4	12.8	10.6	232.9	21.9	2.3	19	8.32	-2.2	57.9	7.09	7.09	OK
3		-2.2	55.5	13.6	9.9	232.9	23.5	2.3	19	8.36	-2.2	57.9	7.09	7.09	OK
1	16	-1.5	60.2	21.5	17.5	232.9	13.3	3.1	19	6.06	-1.5	38.6	6.87	6.06	OK
2		-2.2	52.4	12.8	10.6	232.9	21.9	2.3	19	8.32	-2.2	57.9	7.09	7.09	OK
3		-2.2	55.5	13.6	9.9	232.9	23.5	2.3	19	8.36	-2.2	57.9	7.09	7.09	OK
1	17	1.5	60.2	21.5	17.5	232.9	13.3	3.1	19	6.06	1.5	38.6	6.87	6.06	OK
2		2.2	52.4	12.8	10.6	232.9	21.9	2.3	19	8.32	2.2	57.9	7.09	7.09	OK
3		2.2	55.5	13.6	9.9	232.9	23.5	2.3	19	8.36	2.2	57.9	7.09	7.09	OK
1	18	1.5	60.2	21.5	17.5	232.9	13.3	3.1	19	6.06	1.5	38.6	6.87	6.06	OK
2		2.2	52.4	12.8	10.6	232.9	21.9	2.3	19	8.32	2.2	57.9	7.09	7.09	OK
3		2.2	55.5	13.6	9.9	232.9	23.5	2.3	19	8.36	2.2	57.9	7.09	7.09	OK
1	19	1.5	60.2	21.5	17.5	232.9	13.3	3.1	19	6.06	1.5	38.6	6.87	6.06	OK
2		2.2	52.4	12.8	10.6	232.9	21.9	2.3	19	8.32	2.2	57.9	7.09	7.09	OK
3		2.2	55.5	13.6	9.9	232.9	23.5	2.3	19	8.36	2.2	57.9	7.09	7.09	OK
1	20	1.5	60.2	21.5	17.5	232.9	13.3	3.1	19	6.06	1.5	38.6	6.87	6.06	OK
2		2.2	52.4	12.8	10.6	232.9	21.9	2.3	19	8.32	2.2	57.9	7.09	7.09	OK
3		2.2	55.5	13.6	9.9	232.9	23.5	2.3	19	8.36	2.2	57.9	7.09	7.09	OK
1	21	-1.5	60.2	21.5	17.5	232.9	13.3	3.1	19	6.06	-1.5	38.6	6.87	6.06	OK
2		-2.2	52.4	12.8	10.6	232.9	21.9	2.3	19	8.32	-2.2	57.9	7.09	7.09	OK
3		-2.2	55.5	13.6	9.9	232.9	23.5	2.3	19	8.36	-2.2	57.9	7.09	7.09	OK
1	22	-1.5	60.2	21.5	17.5	232.9	13.3	3.1	19	6.06	-1.5	38.6	6.87	6.06	OK
2		-2.2	52.4	12.8	10.6	232.9	21.9	2.3	19	8.32	-2.2	57.9	7.09	7.09	OK
3		-2.2	55.5	13.6	9.9	232.9	23.5	2.3	19	8.36	-2.2	57.9	7.09	7.09	OK
1	23	-1.5	60.2	21.5	17.5	232.9	13.3	3.1	19	6.06	-1.5	38.6	6.87	6.06	OK
2		-2.2	52.4	12.8	10.6	232.9	21.9	2.3	19	8.32	-2.2	57.9	7.09	7.09	OK
3		-2.2	55.5	13.6	9.9	232.9	23.5	2.3	19	8.36	-2.2	57.9	7.09	7.09	OK
1	24	-1.5	60.2	21.5	17.5	232.9	13.3	3.1	19	6.06	-1.5	38.6	6.87	6.06	OK
2		-2.2	52.4	12.8	10.6	232.9	21.9	2.3	19	8.32	-2.2	57.9	7.09	7.09	OK
3		-2.2	55.5	13.6	9.9	232.9	23.5	2.3	19	8.36	-2.2	57.9	7.09	7.09	OK
1	25	5	60.2	12	16.9	232.9	13.8	14.4	19	1.32	5	38.6	3.86	1.32	OK
2		7.3	52.4	7.2	13	232.9	17.9	7.6	19	2.5	7.3	57.9	3.98	2.5	OK
3		7.3	55.5	7.63	12.3	232.9	18.9	7.6	19	2.51	7.3	57.9	3.98	2.51	OK
1	26	5	60.2	12	16.9	232.9	13.8	14.4	19	1.32	5	38.6	3.86	1.32	OK
2		7.3	52.4	7.2	13	232.9	17.9	7.6	19	2.5	7.3	57.9	3.98	2.5	OK
3		7.3	55.5	7.63	12.3	232.9	18.9	7.6	19	2.51	7.3	57.9	3.98	2.51	OK
1	27	5	60.2	12	16.9	232.9	13.8	14.4	19	1.32	5	38.6	3.86	1.32	OK
2		7.3	52.4	7.2	13	232.9	17.9	7.6	19	2.5	7.3	57.9	3.98	2.5	OK
3		7.3	55.5	7.63	12.3	232.9	18.9	7.6	19	2.51	7.3	57.9	3.98	2.51	OK
1	28	5	60.2	12	16.9	232.9	13.8	14.4	19	1.32	5	38.6	3.86	1.32	OK
2		7.3	52.4	7.2	13	232.9	17.9	7.6	19	2.5	7.3	57.9	3.98	2.5	OK
3		7.3	55.5	7.63	12.3	232.9	18.9	7.6	19	2.51	7.3	57.9	3.98	2.51	OK
1	29	5	60.2	12	16.9	232.9	13.8	14.4	19	1.32	5	38.6	3.86	1.32	OK
2		7.3	52.4	7.2	13	232.9	17.9	7.6	19	2.5	7.3	57.9	3.98	2.5	OK
3		7.3	55.5	7.63	12.3	232.9	18.9	7.6	19	2.51	7.3	57.9	3.98	2.51	OK
1	30	5	60.2	12	16.9	232.9	13.8	14.4	19	1.32	5	38.6	3.86	1.32	OK
2		7.3	52.4	7.2	13	232.9	17.9	7.6	19	2.5	7.3	57.9	3.98	2.5	OK
3		7.3	55.5	7.63	12.3	232.9	18.9	7.6	19	2.51	7.3	57.9	3.98	2.51	OK

Verifica parete n. 12 - piano 2 ; fili : 1 - 7

1	31	5	60.2	12	16.9	232.9	13.8	14.4	19	1.32	5	38.6	3.86	1.32	OK
2		7.3	52.4	7.2	13	232.9	17.9	7.6	19	2.5	7.3	57.9	3.98	2.5	OK
3		7.3	55.5	7.63	12.3	232.9	18.9	7.6	19	2.51	7.3	57.9	3.98	2.51	OK
1	32	5	60.2	12	16.9	232.9	13.8	14.4	19	1.32	5	38.6	3.86	1.32	OK
2		7.3	52.4	7.2	13	232.9	17.9	7.6	19	2.5	7.3	57.9	3.98	2.5	OK
3		7.3	55.5	7.63	12.3	232.9	18.9	7.6	19	2.51	7.3	57.9	3.98	2.51	OK
1	33	-5	60.2	12	16.9	232.9	13.8	14.4	19	1.32	-5	38.6	3.86	1.32	OK
2		-7.3	52.4	7.2	13	232.9	17.9	7.6	19	2.5	-7.3	57.9	3.98	2.5	OK
3		-7.3	55.5	7.63	12.3	232.9	18.9	7.6	19	2.51	-7.3	57.9	3.98	2.51	OK
1	34	-5	60.2	12	16.9	232.9	13.8	14.4	19	1.32	-5	38.6	3.86	1.32	OK
2		-7.3	52.4	7.2	13	232.9	17.9	7.6	19	2.5	-7.3	57.9	3.98	2.5	OK
3		-7.3	55.5	7.63	12.3	232.9	18.9	7.6	19	2.51	-7.3	57.9	3.98	2.51	OK
1	35	-5	60.2	12	16.9	232.9	13.8	14.4	19	1.32	-5	38.6	3.86	1.32	OK
2		-7.3	52.4	7.2	13	232.9	17.9	7.6	19	2.5	-7.3	57.9	3.98	2.5	OK
3		-7.3	55.5	7.63	12.3	232.9	18.9	7.6	19	2.51	-7.3	57.9	3.98	2.51	OK
1	36	-5	60.2	12	16.9	232.9	13.8	14.4	19	1.32	-5	38.6	3.86	1.32	OK
2		-7.3	52.4	7.2	13	232.9	17.9	7.6	19	2.5	-7.3	57.9	3.98	2.5	OK
3		-7.3	55.5	7.63	12.3	232.9	18.9	7.6	19	2.51	-7.3	57.9	3.98	2.51	OK
1	37	-5	60.2	12	16.9	232.9	13.8	14.4	19	1.32	-5	38.6	3.86	1.32	OK
2		-7.3	52.4	7.2	13	232.9	17.9	7.6	19	2.5	-7.3	57.9	3.98	2.5	OK
3		-7.3	55.5	7.63	12.3	232.9	18.9	7.6	19	2.51	-7.3	57.9	3.98	2.51	OK
1	38	-5	60.2	12	16.9	232.9	13.8	14.4	19	1.32	-5	38.6	3.86	1.32	OK
2		-7.3	52.4	7.2	13	232.9	17.9	7.6	19	2.5	-7.3	57.9	3.98	2.5	OK
3		-7.3	55.5	7.63	12.3	232.9	18.9	7.6	19	2.51	-7.3	57.9	3.98	2.51	OK
1	39	-5	60.2	12	16.9	232.9	13.8	14.4	19	1.32	-5	38.6	3.86	1.32	OK
2		-7.3	52.4	7.2	13	232.9	17.9	7.6	19	2.5	-7.3	57.9	3.98	2.5	OK
3		-7.3	55.5	7.63	12.3	232.9	18.9	7.6	19	2.51	-7.3	57.9	3.98	2.51	OK
1	40	-5	60.2	12	16.9	232.9	13.8	14.4	19	1.32	-5	38.6	3.86	1.32	OK
2		-7.3	52.4	7.2	13	232.9	17.9	7.6	19	2.5	-7.3	57.9	3.98	2.5	OK
3		-7.3	55.5	7.63	12.3	232.9	18.9	7.6	19	2.51	-7.3	57.9	3.98	2.51	OK

Verifica parete n. 13 - piano 2 ; fili : 2 - 8

		taglio			presso-fles			ribalt			scorr				
		OK:csic = 15.6			OK:csic = 9.89			OK:csic = 2.36			OK:csic = 4.99				
mas	comb.	Vsd	Vrd	csic	Ncsd	Ncrd	csic	Ntsd	Ntrd	cisc	Vsd	Vrd	csic	csic	status
chio	num.	[kN]	[kN]		[kN]	[kN]		[kN]	[kN]		[kN]	[kN]		min	ver.
1	1	0	14.6	999	8.6	84.7	9.89	0	6.9	692	0	14	999	9.89	OK
2		0	12.7	999	6.8	84.7	12.4	0	6.9	692	0	21	999	12.4	OK
3		0	13.5	999	5.9	84.7	14.4	0	6.9	692	0	21	999	14.4	OK
1	2	0	32.9	999	10.2	127.1	12.5	0	10.4	1039	0	21	999	12.5	OK
2		0	28.6	999	8.2	127.1	15.5	0	10.4	1039	0	31.6	999	15.5	OK
3		0	30.3	999	7	127.1	18.1	0	10.4	1039	0	31.6	999	18.1	OK
1	3	0	32.9	999	11.6	127.1	11	0	10.4	1039	0	21	999	11	OK
2		0	28.6	999	9.2	127.1	13.8	0	10.4	1039	0	31.6	999	13.8	OK
3		0	30.3	999	7.9	127.1	16.1	0	10.4	1039	0	31.6	999	16.1	OK
1	4	0	32.9	999	10.6	127.1	12	0	10.4	1039	0	21	999	12	OK
2		0	28.6	999	8.5	127.1	15	0	10.4	1039	0	31.6	999	15	OK

Verifica parete n. 13 - piano 2 ; fili : 2 - 8

3		0	30.3	999	7.3	127.1	17.5	0	10.4	1039	0	31.6	999	17.5	OK
1	5	0	40.2	999	9.9	155.3	15.7	0	12.7	1269	0	25.7	999	15.7	OK
2		0	34.9	999	8	155.3	19.5	0	12.7	1269	0	38.6	999	19.5	OK
3		0	37	999	6.8	155.3	22.8	0	12.7	1269	0	38.6	999	22.8	OK
1	6	1.3	40.2	30.5	9.2	155.3	16.9	0	12.7	1269	1.3	25.7	19.6	16.9	OK
2		1.9	34.9	18.3	7.8	155.3	19.8	0	12.7	1269	1.9	38.6	20.2	18.3	OK
3		1.9	37	19.4	7.6	155.3	20.6	0	12.7	1269	1.9	38.6	20.2	19.4	OK
1	7	0	40.2	999	9.9	155.3	15.7	0	12.7	1269	0	25.7	999	15.7	OK
2		0	34.9	999	8	155.3	19.5	0	12.7	1269	0	38.6	999	19.5	OK
3		0	37	999	6.8	155.3	22.8	0	12.7	1269	0	38.6	999	22.8	OK
1	8	1.3	40.2	30.5	10.3	155.3	15.1	0	12.7	1269	1.3	25.7	19.6	15.1	OK
2		1.9	34.9	18.3	8.2	155.3	18.9	0	12.7	1269	1.9	38.6	20.2	18.3	OK
3		1.9	37	19.4	7.2	155.3	21.6	0	12.7	1269	1.9	38.6	20.2	19.4	OK
1	9	1.2	60.2	17.3	22.6	232.9	10.3	2.4	19	7.84	1.2	38.6	5.54	5.54	OK
2		1.7	52.4	10.3	13.2	232.9	17.6	1.8	19	10.8	1.7	57.9	5.72	5.72	OK
3		1.7	55.5	11	12.5	232.9	18.7	1.8	19	10.8	1.7	57.9	5.72	5.72	OK
1	10	1.2	60.2	17.3	22.6	232.9	10.3	2.4	19	7.84	1.2	38.6	5.54	5.54	OK
2		1.7	52.4	10.3	13.2	232.9	17.6	1.8	19	10.8	1.7	57.9	5.72	5.72	OK
3		1.7	55.5	11	12.5	232.9	18.7	1.8	19	10.8	1.7	57.9	5.72	5.72	OK
1	11	1.2	60.2	17.3	22.6	232.9	10.3	2.4	19	7.84	1.2	38.6	5.54	5.54	OK
2		1.7	52.4	10.3	13.2	232.9	17.6	1.8	19	10.8	1.7	57.9	5.72	5.72	OK
3		1.7	55.5	11	12.5	232.9	18.7	1.8	19	10.8	1.7	57.9	5.72	5.72	OK
1	12	1.2	60.2	17.3	22.6	232.9	10.3	2.4	19	7.84	1.2	38.6	5.54	5.54	OK
2		1.7	52.4	10.3	13.2	232.9	17.6	1.8	19	10.8	1.7	57.9	5.72	5.72	OK
3		1.7	55.5	11	12.5	232.9	18.7	1.8	19	10.8	1.7	57.9	5.72	5.72	OK
1	13	-1.2	60.2	17.3	22.6	232.9	10.3	2.4	19	7.84	-1.2	38.6	5.54	5.54	OK
2		-1.7	52.4	10.3	13.2	232.9	17.6	1.8	19	10.8	-1.7	57.9	5.72	5.72	OK
3		-1.7	55.5	11	12.5	232.9	18.7	1.8	19	10.8	-1.7	57.9	5.72	5.72	OK
1	14	-1.2	60.2	17.3	22.6	232.9	10.3	2.4	19	7.84	-1.2	38.6	5.54	5.54	OK
2		-1.7	52.4	10.3	13.2	232.9	17.6	1.8	19	10.8	-1.7	57.9	5.72	5.72	OK
3		-1.7	55.5	11	12.5	232.9	18.7	1.8	19	10.8	-1.7	57.9	5.72	5.72	OK
1	15	-1.2	60.2	17.3	22.6	232.9	10.3	2.4	19	7.84	-1.2	38.6	5.54	5.54	OK
2		-1.7	52.4	10.3	13.2	232.9	17.6	1.8	19	10.8	-1.7	57.9	5.72	5.72	OK
3		-1.7	55.5	11	12.5	232.9	18.7	1.8	19	10.8	-1.7	57.9	5.72	5.72	OK
1	16	-1.2	60.2	17.3	22.6	232.9	10.3	2.4	19	7.84	-1.2	38.6	5.54	5.54	OK
2		-1.7	52.4	10.3	13.2	232.9	17.6	1.8	19	10.8	-1.7	57.9	5.72	5.72	OK
3		-1.7	55.5	11	12.5	232.9	18.7	1.8	19	10.8	-1.7	57.9	5.72	5.72	OK
1	17	1.2	60.2	17.3	22.6	232.9	10.3	2.4	19	7.84	1.2	38.6	5.54	5.54	OK
2		1.7	52.4	10.3	13.2	232.9	17.6	1.8	19	10.8	1.7	57.9	5.72	5.72	OK
3		1.7	55.5	11	12.5	232.9	18.7	1.8	19	10.8	1.7	57.9	5.72	5.72	OK
1	18	1.2	60.2	17.3	22.6	232.9	10.3	2.4	19	7.84	1.2	38.6	5.54	5.54	OK
2		1.7	52.4	10.3	13.2	232.9	17.6	1.8	19	10.8	1.7	57.9	5.72	5.72	OK
3		1.7	55.5	11	12.5	232.9	18.7	1.8	19	10.8	1.7	57.9	5.72	5.72	OK
1	19	1.2	60.2	17.3	22.6	232.9	10.3	2.4	19	7.84	1.2	38.6	5.54	5.54	OK
2		1.7	52.4	10.3	13.2	232.9	17.6	1.8	19	10.8	1.7	57.9	5.72	5.72	OK
3		1.7	55.5	11	12.5	232.9	18.7	1.8	19	10.8	1.7	57.9	5.72	5.72	OK
1	20	1.2	60.2	17.3	22.6	232.9	10.3	2.4	19	7.84	1.2	38.6	5.54	5.54	OK

Verifica parete n. 13 - piano 2 ; fili : 2 - 8

2		1.7	52.4	10.3	13.2	232.9	17.6	1.8	19	10.8	1.7	57.9	5.72	5.72	OK
3		1.7	55.5	11	12.5	232.9	18.7	1.8	19	10.8	1.7	57.9	5.72	5.72	OK
1	21	-1.2	60.2	17.3	22.6	232.9	10.3	2.4	19	7.84	-1.2	38.6	5.54	5.54	OK
2		-1.7	52.4	10.3	13.2	232.9	17.6	1.8	19	10.8	-1.7	57.9	5.72	5.72	OK
3		-1.7	55.5	11	12.5	232.9	18.7	1.8	19	10.8	-1.7	57.9	5.72	5.72	OK
1	22	-1.2	60.2	17.3	22.6	232.9	10.3	2.4	19	7.84	-1.2	38.6	5.54	5.54	OK
2		-1.7	52.4	10.3	13.2	232.9	17.6	1.8	19	10.8	-1.7	57.9	5.72	5.72	OK
3		-1.7	55.5	11	12.5	232.9	18.7	1.8	19	10.8	-1.7	57.9	5.72	5.72	OK
1	23	-1.2	60.2	17.3	22.6	232.9	10.3	2.4	19	7.84	-1.2	38.6	5.54	5.54	OK
2		-1.7	52.4	10.3	13.2	232.9	17.6	1.8	19	10.8	-1.7	57.9	5.72	5.72	OK
3		-1.7	55.5	11	12.5	232.9	18.7	1.8	19	10.8	-1.7	57.9	5.72	5.72	OK
1	24	-1.2	60.2	17.3	22.6	232.9	10.3	2.4	19	7.84	-1.2	38.6	5.54	5.54	OK
2		-1.7	52.4	10.3	13.2	232.9	17.6	1.8	19	10.8	-1.7	57.9	5.72	5.72	OK
3		-1.7	55.5	11	12.5	232.9	18.7	1.8	19	10.8	-1.7	57.9	5.72	5.72	OK
1	25	3.9	60.2	15.6	19.7	232.9	11.8	8.1	19	2.36	3.9	38.6	4.99	2.36	OK
2		5.6	52.4	9.32	12.9	232.9	18.1	5.9	19	3.24	5.6	57.9	5.15	3.24	OK
3		5.6	55.5	9.89	12.1	232.9	19.3	5.8	19	3.26	5.6	57.9	5.16	3.26	OK
1	26	3.9	60.2	15.6	19.7	232.9	11.8	8.1	19	2.36	3.9	38.6	4.99	2.36	OK
2		5.6	52.4	9.32	12.9	232.9	18.1	5.9	19	3.24	5.6	57.9	5.15	3.24	OK
3		5.6	55.5	9.89	12.1	232.9	19.3	5.8	19	3.26	5.6	57.9	5.16	3.26	OK
1	27	3.9	60.2	15.6	19.7	232.9	11.8	8.1	19	2.36	3.9	38.6	4.99	2.36	OK
2		5.6	52.4	9.32	12.9	232.9	18.1	5.9	19	3.24	5.6	57.9	5.15	3.24	OK
3		5.6	55.5	9.89	12.1	232.9	19.3	5.8	19	3.26	5.6	57.9	5.16	3.26	OK
1	28	3.9	60.2	15.6	19.7	232.9	11.8	8.1	19	2.36	3.9	38.6	4.99	2.36	OK
2		5.6	52.4	9.32	12.9	232.9	18.1	5.9	19	3.24	5.6	57.9	5.15	3.24	OK
3		5.6	55.5	9.89	12.1	232.9	19.3	5.8	19	3.26	5.6	57.9	5.16	3.26	OK
1	29	3.9	60.2	15.6	19.7	232.9	11.8	8.1	19	2.36	3.9	38.6	4.99	2.36	OK
2		5.6	52.4	9.32	12.9	232.9	18.1	5.9	19	3.24	5.6	57.9	5.15	3.24	OK
3		5.6	55.5	9.89	12.1	232.9	19.3	5.8	19	3.26	5.6	57.9	5.16	3.26	OK
1	30	3.9	60.2	15.6	19.7	232.9	11.8	8.1	19	2.36	3.9	38.6	4.99	2.36	OK
2		5.6	52.4	9.32	12.9	232.9	18.1	5.9	19	3.24	5.6	57.9	5.15	3.24	OK
3		5.6	55.5	9.89	12.1	232.9	19.3	5.8	19	3.26	5.6	57.9	5.16	3.26	OK
1	31	3.9	60.2	15.6	19.7	232.9	11.8	8.1	19	2.36	3.9	38.6	4.99	2.36	OK
2		5.6	52.4	9.32	12.9	232.9	18.1	5.9	19	3.24	5.6	57.9	5.15	3.24	OK
3		5.6	55.5	9.89	12.1	232.9	19.3	5.8	19	3.26	5.6	57.9	5.16	3.26	OK
1	32	3.9	60.2	15.6	19.7	232.9	11.8	8.1	19	2.36	3.9	38.6	4.99	2.36	OK
2		5.6	52.4	9.32	12.9	232.9	18.1	5.9	19	3.24	5.6	57.9	5.15	3.24	OK
3		5.6	55.5	9.89	12.1	232.9	19.3	5.8	19	3.26	5.6	57.9	5.16	3.26	OK
1	33	-3.9	60.2	15.6	19.7	232.9	11.8	8.1	19	2.36	-3.9	38.6	4.99	2.36	OK
2		-5.6	52.4	9.32	12.9	232.9	18.1	5.9	19	3.24	-5.6	57.9	5.15	3.24	OK
3		-5.6	55.5	9.89	12.1	232.9	19.3	5.8	19	3.26	-5.6	57.9	5.16	3.26	OK
1	34	-3.9	60.2	15.6	19.7	232.9	11.8	8.1	19	2.36	-3.9	38.6	4.99	2.36	OK
2		-5.6	52.4	9.32	12.9	232.9	18.1	5.9	19	3.24	-5.6	57.9	5.15	3.24	OK
3		-5.6	55.5	9.89	12.1	232.9	19.3	5.8	19	3.26	-5.6	57.9	5.16	3.26	OK
1	35	-3.9	60.2	15.6	19.7	232.9	11.8	8.1	19	2.36	-3.9	38.6	4.99	2.36	OK
2		-5.6	52.4	9.32	12.9	232.9	18.1	5.9	19	3.24	-5.6	57.9	5.15	3.24	OK
3		-5.6	55.5	9.89	12.1	232.9	19.3	5.8	19	3.26	-5.6	57.9	5.16	3.26	OK

Verifica parete n. 13 - piano 2 ; fili : 2 - 8															
1	36	-3.9	60.2	15.6	19.7	232.9	11.8	8.1	19	2.36	-3.9	38.6	4.99	2.36	OK
2		-5.6	52.4	9.32	12.9	232.9	18.1	5.9	19	3.24	-5.6	57.9	5.15	3.24	OK
3		-5.6	55.5	9.89	12.1	232.9	19.3	5.8	19	3.26	-5.6	57.9	5.16	3.26	OK
1	37	-3.9	60.2	15.6	19.7	232.9	11.8	8.1	19	2.36	-3.9	38.6	4.99	2.36	OK
2		-5.6	52.4	9.32	12.9	232.9	18.1	5.9	19	3.24	-5.6	57.9	5.15	3.24	OK
3		-5.6	55.5	9.89	12.1	232.9	19.3	5.8	19	3.26	-5.6	57.9	5.16	3.26	OK
1	38	-3.9	60.2	15.6	19.7	232.9	11.8	8.1	19	2.36	-3.9	38.6	4.99	2.36	OK
2		-5.6	52.4	9.32	12.9	232.9	18.1	5.9	19	3.24	-5.6	57.9	5.15	3.24	OK
3		-5.6	55.5	9.89	12.1	232.9	19.3	5.8	19	3.26	-5.6	57.9	5.16	3.26	OK
1	39	-3.9	60.2	15.6	19.7	232.9	11.8	8.1	19	2.36	-3.9	38.6	4.99	2.36	OK
2		-5.6	52.4	9.32	12.9	232.9	18.1	5.9	19	3.24	-5.6	57.9	5.15	3.24	OK
3		-5.6	55.5	9.89	12.1	232.9	19.3	5.8	19	3.26	-5.6	57.9	5.16	3.26	OK
1	40	-3.9	60.2	15.6	19.7	232.9	11.8	8.1	19	2.36	-3.9	38.6	4.99	2.36	OK
2		-5.6	52.4	9.32	12.9	232.9	18.1	5.9	19	3.24	-5.6	57.9	5.15	3.24	OK
3		-5.6	55.5	9.89	12.1	232.9	19.3	5.8	19	3.26	-5.6	57.9	5.16	3.26	OK

Verifica parete n. 14 - piano 2 ; fili : 3 - 9															
		taglio			presso-fles			ribalt			scorr				
		OK:csic = 12			OK:csic = 12.3			OK:csic = 1.34			OK:csic = 3.86				
mas	comb.	Vsd	Vrd	csic	Ncsd	Ncrd	csic	Ntsd	Ntrd	cisc	Vsd	Vrd	csic	csic	status
chio	num.	[kN]	[kN]		[kN]	[kN]		[kN]	[kN]		[kN]	[kN]		min	ver.
1	1	0	14.6	999	6.9	84.7	12.3	0	6.9	692	0	14	999	12.3	OK
2		0	12.7	999	5.7	84.7	14.9	0	6.9	692	0	21	999	14.9	OK
3		0	13.5	999	4.8	84.7	17.7	0	6.9	692	0	21	999	17.7	OK
1	2	0	32.9	999	8.3	127.1	15.2	0	10.4	1039	0	21	999	15.2	OK
2		0	28.6	999	7	127.1	18.3	0	10.4	1039	0	31.6	999	18.3	OK
3		0	30.3	999	5.8	127.1	21.8	0	10.4	1039	0	31.6	999	21.8	OK
1	3	0	32.9	999	9.2	127.1	13.8	0	10.4	1039	0	21	999	13.8	OK
2		0	28.6	999	7.5	127.1	16.8	0	10.4	1039	0	31.6	999	16.8	OK
3		0	30.3	999	6.4	127.1	20	0	10.4	1039	0	31.6	999	20	OK
1	4	0	32.9	999	8.5	127.1	14.9	0	10.4	1039	0	21	999	14.9	OK
2		0	28.6	999	7.1	127.1	18	0	10.4	1039	0	31.6	999	18	OK
3		0	30.3	999	5.9	127.1	21.4	0	10.4	1039	0	31.6	999	21.4	OK
1	5	0	40.2	999	8	155.3	19.3	0	12.7	1269	0	25.7	999	19.3	OK
2		0	34.9	999	6.7	155.3	23.2	0	12.7	1269	0	38.6	999	23.2	OK
3		0	37	999	5.6	155.3	27.6	0	12.7	1269	0	38.6	999	27.6	OK
1	6	1.3	40.2	30.5	7.4	155.3	21.1	0	12.7	1269	1.3	25.7	19.6	19.6	OK
2		1.9	34.9	18.3	6.6	155.3	23.6	0	12.7	1269	1.9	38.6	20.2	18.3	OK
3		1.9	37	19.4	6.4	155.3	24.4	0	12.7	1269	1.9	38.6	20.2	19.4	OK
1	7	0	40.2	999	8	155.3	19.3	0	12.7	1269	0	25.7	999	19.3	OK
2		0	34.9	999	6.7	155.3	23.2	0	12.7	1269	0	38.6	999	23.2	OK
3		0	37	999	5.6	155.3	27.6	0	12.7	1269	0	38.6	999	27.6	OK
1	8	1.3	40.2	30.5	8.5	155.3	18.3	0	12.7	1269	1.3	25.7	19.6	18.3	OK
2		1.9	34.9	18.3	7	155.3	22.3	0	12.7	1269	1.9	38.6	20.2	18.3	OK
3		1.9	37	19.4	6	155.3	25.9	0	12.7	1269	1.9	38.6	20.2	19.4	OK
1	9	1.5	60.2	21.9	17.2	232.9	13.6	3.1	19	6.06	1.5	38.6	7.02	6.06	OK
2		2.2	52.4	13.1	10.5	232.9	22.2	2.3	19	8.32	2.2	57.9	7.24	7.24	OK

Verifica parete n. 14 - piano 2 ; fili : 3 - 9

3		2.2	55.5	13.9	9.8	232.9	23.8	2.3	19	8.36	2.2	57.9	7.25	7.25	OK
1	10	1.5	60.2	21.9	17.2	232.9	13.6	3.1	19	6.06	1.5	38.6	7.02	6.06	OK
2		2.2	52.4	13.1	10.5	232.9	22.2	2.3	19	8.32	2.2	57.9	7.24	7.24	OK
3		2.2	55.5	13.9	9.8	232.9	23.8	2.3	19	8.36	2.2	57.9	7.25	7.25	OK
1	11	1.5	60.2	21.9	17.2	232.9	13.6	3.1	19	6.06	1.5	38.6	7.02	6.06	OK
2		2.2	52.4	13.1	10.5	232.9	22.2	2.3	19	8.32	2.2	57.9	7.24	7.24	OK
3		2.2	55.5	13.9	9.8	232.9	23.8	2.3	19	8.36	2.2	57.9	7.25	7.25	OK
1	12	1.5	60.2	21.9	17.2	232.9	13.6	3.1	19	6.06	1.5	38.6	7.02	6.06	OK
2		2.2	52.4	13.1	10.5	232.9	22.2	2.3	19	8.32	2.2	57.9	7.24	7.24	OK
3		2.2	55.5	13.9	9.8	232.9	23.8	2.3	19	8.36	2.2	57.9	7.25	7.25	OK
1	13	-1.5	60.2	21.9	17.2	232.9	13.6	3.1	19	6.06	-1.5	38.6	7.02	6.06	OK
2		-2.2	52.4	13.1	10.5	232.9	22.2	2.3	19	8.32	-2.2	57.9	7.24	7.24	OK
3		-2.2	55.5	13.9	9.8	232.9	23.8	2.3	19	8.36	-2.2	57.9	7.25	7.25	OK
1	14	-1.5	60.2	21.9	17.2	232.9	13.6	3.1	19	6.06	-1.5	38.6	7.02	6.06	OK
2		-2.2	52.4	13.1	10.5	232.9	22.2	2.3	19	8.32	-2.2	57.9	7.24	7.24	OK
3		-2.2	55.5	13.9	9.8	232.9	23.8	2.3	19	8.36	-2.2	57.9	7.25	7.25	OK
1	15	-1.5	60.2	21.9	17.2	232.9	13.6	3.1	19	6.06	-1.5	38.6	7.02	6.06	OK
2		-2.2	52.4	13.1	10.5	232.9	22.2	2.3	19	8.32	-2.2	57.9	7.24	7.24	OK
3		-2.2	55.5	13.9	9.8	232.9	23.8	2.3	19	8.36	-2.2	57.9	7.25	7.25	OK
1	16	-1.5	60.2	21.9	17.2	232.9	13.6	3.1	19	6.06	-1.5	38.6	7.02	6.06	OK
2		-2.2	52.4	13.1	10.5	232.9	22.2	2.3	19	8.32	-2.2	57.9	7.24	7.24	OK
3		-2.2	55.5	13.9	9.8	232.9	23.8	2.3	19	8.36	-2.2	57.9	7.25	7.25	OK
1	17	1.5	60.2	21.9	17.2	232.9	13.6	3.1	19	6.06	1.5	38.6	7.02	6.06	OK
2		2.2	52.4	13.1	10.5	232.9	22.2	2.3	19	8.32	2.2	57.9	7.24	7.24	OK
3		2.2	55.5	13.9	9.8	232.9	23.8	2.3	19	8.36	2.2	57.9	7.25	7.25	OK
1	18	1.5	60.2	21.9	17.2	232.9	13.6	3.1	19	6.06	1.5	38.6	7.02	6.06	OK
2		2.2	52.4	13.1	10.5	232.9	22.2	2.3	19	8.32	2.2	57.9	7.24	7.24	OK
3		2.2	55.5	13.9	9.8	232.9	23.8	2.3	19	8.36	2.2	57.9	7.25	7.25	OK
1	19	1.5	60.2	21.9	17.2	232.9	13.6	3.1	19	6.06	1.5	38.6	7.02	6.06	OK
2		2.2	52.4	13.1	10.5	232.9	22.2	2.3	19	8.32	2.2	57.9	7.24	7.24	OK
3		2.2	55.5	13.9	9.8	232.9	23.8	2.3	19	8.36	2.2	57.9	7.25	7.25	OK
1	20	1.5	60.2	21.9	17.2	232.9	13.6	3.1	19	6.06	1.5	38.6	7.02	6.06	OK
2		2.2	52.4	13.1	10.5	232.9	22.2	2.3	19	8.32	2.2	57.9	7.24	7.24	OK
3		2.2	55.5	13.9	9.8	232.9	23.8	2.3	19	8.36	2.2	57.9	7.25	7.25	OK
1	21	-1.5	60.2	21.9	17.2	232.9	13.6	3.1	19	6.06	-1.5	38.6	7.02	6.06	OK
2		-2.2	52.4	13.1	10.5	232.9	22.2	2.3	19	8.32	-2.2	57.9	7.24	7.24	OK
3		-2.2	55.5	13.9	9.8	232.9	23.8	2.3	19	8.36	-2.2	57.9	7.25	7.25	OK
1	22	-1.5	60.2	21.9	17.2	232.9	13.6	3.1	19	6.06	-1.5	38.6	7.02	6.06	OK
2		-2.2	52.4	13.1	10.5	232.9	22.2	2.3	19	8.32	-2.2	57.9	7.24	7.24	OK
3		-2.2	55.5	13.9	9.8	232.9	23.8	2.3	19	8.36	-2.2	57.9	7.25	7.25	OK
1	23	-1.5	60.2	21.9	17.2	232.9	13.6	3.1	19	6.06	-1.5	38.6	7.02	6.06	OK
2		-2.2	52.4	13.1	10.5	232.9	22.2	2.3	19	8.32	-2.2	57.9	7.24	7.24	OK
3		-2.2	55.5	13.9	9.8	232.9	23.8	2.3	19	8.36	-2.2	57.9	7.25	7.25	OK
1	24	-1.5	60.2	21.9	17.2	232.9	13.6	3.1	19	6.06	-1.5	38.6	7.02	6.06	OK
2		-2.2	52.4	13.1	10.5	232.9	22.2	2.3	19	8.32	-2.2	57.9	7.24	7.24	OK
3		-2.2	55.5	13.9	9.8	232.9	23.8	2.3	19	8.36	-2.2	57.9	7.25	7.25	OK
1	25	5	60.2	12	16.9	232.9	13.8	14.2	19	1.34	5	38.6	3.86	1.34	OK

Verifica parete n. 14 - piano 2 ; fili : 3 - 9

2		7.3	52.4	7.2	13	232.9	17.9	7.6	19	2.5	7.3	57.9	3.98	2.5	OK
3		7.3	55.5	7.63	12.3	232.9	19	7.6	19	2.51	7.3	57.9	3.98	2.51	OK
1	26	5	60.2	12	16.9	232.9	13.8	14.2	19	1.34	5	38.6	3.86	1.34	OK
2		7.3	52.4	7.2	13	232.9	17.9	7.6	19	2.5	7.3	57.9	3.98	2.5	OK
3		7.3	55.5	7.63	12.3	232.9	19	7.6	19	2.51	7.3	57.9	3.98	2.51	OK
1	27	5	60.2	12	16.9	232.9	13.8	14.2	19	1.34	5	38.6	3.86	1.34	OK
2		7.3	52.4	7.2	13	232.9	17.9	7.6	19	2.5	7.3	57.9	3.98	2.5	OK
3		7.3	55.5	7.63	12.3	232.9	19	7.6	19	2.51	7.3	57.9	3.98	2.51	OK
1	28	5	60.2	12	16.9	232.9	13.8	14.2	19	1.34	5	38.6	3.86	1.34	OK
2		7.3	52.4	7.2	13	232.9	17.9	7.6	19	2.5	7.3	57.9	3.98	2.5	OK
3		7.3	55.5	7.63	12.3	232.9	19	7.6	19	2.51	7.3	57.9	3.98	2.51	OK
1	29	5	60.2	12	16.9	232.9	13.8	14.2	19	1.34	5	38.6	3.86	1.34	OK
2		7.3	52.4	7.2	13	232.9	17.9	7.6	19	2.5	7.3	57.9	3.98	2.5	OK
3		7.3	55.5	7.63	12.3	232.9	19	7.6	19	2.51	7.3	57.9	3.98	2.51	OK
1	30	5	60.2	12	16.9	232.9	13.8	14.2	19	1.34	5	38.6	3.86	1.34	OK
2		7.3	52.4	7.2	13	232.9	17.9	7.6	19	2.5	7.3	57.9	3.98	2.5	OK
3		7.3	55.5	7.63	12.3	232.9	19	7.6	19	2.51	7.3	57.9	3.98	2.51	OK
1	31	5	60.2	12	16.9	232.9	13.8	14.2	19	1.34	5	38.6	3.86	1.34	OK
2		7.3	52.4	7.2	13	232.9	17.9	7.6	19	2.5	7.3	57.9	3.98	2.5	OK
3		7.3	55.5	7.63	12.3	232.9	19	7.6	19	2.51	7.3	57.9	3.98	2.51	OK
1	32	5	60.2	12	16.9	232.9	13.8	14.2	19	1.34	5	38.6	3.86	1.34	OK
2		7.3	52.4	7.2	13	232.9	17.9	7.6	19	2.5	7.3	57.9	3.98	2.5	OK
3		7.3	55.5	7.63	12.3	232.9	19	7.6	19	2.51	7.3	57.9	3.98	2.51	OK
1	33	-5	60.2	12	16.9	232.9	13.8	14.2	19	1.34	-5	38.6	3.86	1.34	OK
2		-7.3	52.4	7.2	13	232.9	17.9	7.6	19	2.5	-7.3	57.9	3.98	2.5	OK
3		-7.3	55.5	7.63	12.3	232.9	19	7.6	19	2.51	-7.3	57.9	3.98	2.51	OK
1	34	-5	60.2	12	16.9	232.9	13.8	14.2	19	1.34	-5	38.6	3.86	1.34	OK
2		-7.3	52.4	7.2	13	232.9	17.9	7.6	19	2.5	-7.3	57.9	3.98	2.5	OK
3		-7.3	55.5	7.63	12.3	232.9	19	7.6	19	2.51	-7.3	57.9	3.98	2.51	OK
1	35	-5	60.2	12	16.9	232.9	13.8	14.2	19	1.34	-5	38.6	3.86	1.34	OK
2		-7.3	52.4	7.2	13	232.9	17.9	7.6	19	2.5	-7.3	57.9	3.98	2.5	OK
3		-7.3	55.5	7.63	12.3	232.9	19	7.6	19	2.51	-7.3	57.9	3.98	2.51	OK
1	36	-5	60.2	12	16.9	232.9	13.8	14.2	19	1.34	-5	38.6	3.86	1.34	OK
2		-7.3	52.4	7.2	13	232.9	17.9	7.6	19	2.5	-7.3	57.9	3.98	2.5	OK
3		-7.3	55.5	7.63	12.3	232.9	19	7.6	19	2.51	-7.3	57.9	3.98	2.51	OK
1	37	-5	60.2	12	16.9	232.9	13.8	14.2	19	1.34	-5	38.6	3.86	1.34	OK
2		-7.3	52.4	7.2	13	232.9	17.9	7.6	19	2.5	-7.3	57.9	3.98	2.5	OK
3		-7.3	55.5	7.63	12.3	232.9	19	7.6	19	2.51	-7.3	57.9	3.98	2.51	OK
1	38	-5	60.2	12	16.9	232.9	13.8	14.2	19	1.34	-5	38.6	3.86	1.34	OK
2		-7.3	52.4	7.2	13	232.9	17.9	7.6	19	2.5	-7.3	57.9	3.98	2.5	OK
3		-7.3	55.5	7.63	12.3	232.9	19	7.6	19	2.51	-7.3	57.9	3.98	2.51	OK
1	39	-5	60.2	12	16.9	232.9	13.8	14.2	19	1.34	-5	38.6	3.86	1.34	OK
2		-7.3	52.4	7.2	13	232.9	17.9	7.6	19	2.5	-7.3	57.9	3.98	2.5	OK
3		-7.3	55.5	7.63	12.3	232.9	19	7.6	19	2.51	-7.3	57.9	3.98	2.51	OK
1	40	-5	60.2	12	16.9	232.9	13.8	14.2	19	1.34	-5	38.6	3.86	1.34	OK
2		-7.3	52.4	7.2	13	232.9	17.9	7.6	19	2.5	-7.3	57.9	3.98	2.5	OK
3		-7.3	55.5	7.63	12.3	232.9	19	7.6	19	2.51	-7.3	57.9	3.98	2.51	OK

5.9 - VERIFICHE PARETI A SISMA ORTOGONALE

Verifica pareti a sisma ortogonale - VERIFICA : c,sic,min = 25.04													
parete	piano	masch.	comb.	kmod	gamma ,s	h	kmx	kcx	Nsd	Msd	cpf	csic	status
num	num	num	num			[m]			[kN]	[kNm]			ver.
1	1	1	SO	1.1	1	2.3	1	0.8	0	0.1	79.2	79.2	OK
		2	SO	1.1	1	2.3	1	0.8	0	0.1	79.2	79.2	OK
		3	SO	1.1	1	2.3	1	0.8	0	0.1	79.2	79.2	OK
2	1	1	SO	1.1	1	2.3	1	0.8	0	0.1	79.2	79.2	OK
		2	SO	1.1	1	2.3	1	0.8	0	0.1	79.2	79.2	OK
3	1	1	SO	1.1	1	2.3	1	0.8	0	0.1	79.2	79.2	OK
		2	SO	1.1	1	2.3	1	0.8	0	0.1	79.2	79.2	OK
4	1	1	SO	1.1	1	2.3	1	0.8	0	0.1	79.2	79.2	OK
		2	SO	1.1	1	2.3	1	0.8	0	0.1	79.2	79.2	OK
		3	SO	1.1	1	2.3	1	0.8	0	0.1	79.2	79.2	OK
5	1	1	SO	1.1	1	2.3	1	0.8	0	0.1	79.2	79.2	OK
		2	SO	1.1	1	2.3	1	0.8	0	0.1	79.2	79.2	OK
		3	SO	1.1	1	2.3	1	0.8	0	0.1	79.2	79.2	OK
6	1	1	SO	1.1	1	2.3	1	0.8	0	0.1	79.2	79.2	OK
		2	SO	1.1	1	2.3	1	0.8	0	0.1	79.2	79.2	OK
		3	SO	1.1	1	2.3	1	0.8	0	0.1	79.2	79.2	OK
7	1	1	SO	1.1	1	2.3	1	0.8	0	0.1	79.2	79.2	OK
		2	SO	1.1	1	2.3	1	0.8	0	0.1	79.2	79.2	OK
		3	SO	1.1	1	2.3	1	0.8	0	0.1	79.2	79.2	OK
8	2	1	SO	1.1	1	2.33	1	0.79	0	0.16	52.6	52.6	OK
		2	SO	1.1	1	2.33	1	0.79	0	0.16	52.6	52.6	OK
		3	SO	1.1	1	2.33	1	0.79	0	0.16	52.6	52.6	OK
9	2	1	SO	1.1	1	3.37	1	0.52	0	0.33	25	25	OK
		2	SO	1.1	1	3.37	1	0.52	0	0.33	25	25	OK
10	2	1	SO	1.1	1	3.37	1	0.52	0	0.33	25	25	OK
		2	SO	1.1	1	3.37	1	0.52	0	0.33	25	25	OK
11	2	1	SO	1.1	1	2.33	1	0.79	0	0.16	52.6	52.6	OK
		2	SO	1.1	1	2.33	1	0.79	0	0.16	52.6	52.6	OK
		3	SO	1.1	1	2.33	1	0.79	0	0.16	52.6	52.6	OK
12	2	1	SO	1.1	1	2.34	1	0.79	0	0.16	51.8	51.8	OK
		2	SO	1.1	1	2.34	1	0.79	0	0.16	51.8	51.8	OK
		3	SO	1.1	1	2.34	1	0.79	0	0.16	51.8	51.8	OK
13	2	1	SO	1.1	1	2.34	1	0.79	0	0.16	51.8	51.8	OK
		2	SO	1.1	1	2.34	1	0.79	0	0.16	51.8	51.8	OK
		3	SO	1.1	1	2.34	1	0.79	0	0.16	51.8	51.8	OK
14	2	1	SO	1.1	1	2.34	1	0.79	0	0.16	51.8	51.8	OK
		2	SO	1.1	1	2.34	1	0.79	0	0.16	51.8	51.8	OK
		3	SO	1.1	1	2.34	1	0.79	0	0.16	51.8	51.8	OK

5.10 - SINTESI VERIFICHE PARETI A INGOBBAMENTO DEL PANNELLO

Verifica pareti a ingobbamento del pannello : status verifica = VERIFICA (bnet/t max = 29 < 100)											
par.	piano	bnet	t	rapp.	status	par.	piano	bnet	t	rapp.	status
num	num	[mm]	[mm]	bnet/t	ver	num	num	[mm]	[mm]	bnet/t	ver
1	1	520	18	29	OK	2	1	520	18	29	OK
3	1	520	18	29	OK	4	1	520	18	29	OK
5	1	520	18	29	OK	6	1	520	18	29	OK
7	1	520	18	29	OK	8	2	520	18	29	OK
9	2	520	18	29	OK	10	2	520	18	29	OK
11	2	520	18	29	OK	12	2	520	18	29	OK
13	2	520	18	29	OK	14	2	520	18	29	OK

5.11 - VERIFICHE DISTANZE CONNETTORI

Verifica distanze connettori : status verifica = VERIFICA												
		chiodatura						conn.scorrim.		TD-HD		
par.	piano	a1t	a1m	a1,min	a4t	a4m	a4min	a4	a4,min	tipo	status	status
num	num	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	conn		ver
1	1	80	160	16	40	40	16	84	80	HD	OK	OK
2	1	80	160	16	40	40	16	84	80	HD	OK	OK
3	1	80	160	16	40	40	16	84	80	HD	OK	OK
4	1	80	160	16	40	40	16	84	80	HD	OK	OK
5	1	80	160	16	40	40	16	84	80	HD	OK	OK
6	1	80	160	16	40	40	16	84	80	HD	OK	OK
7	1	80	160	16	40	40	16	84	80	HD	OK	OK
8	2	80	160	16	40	40	16	84	80	TD	OK	OK
9	2	80	160	16	40	40	16	84	80	TD	OK	OK
10	2	80	160	16	40	40	16	84	80	TD	OK	OK
11	2	80	160	16	40	40	16	84	80	TD	OK	OK
12	2	80	160	16	40	40	16	84	80	TD	OK	OK
13	2	80	160	16	40	40	16	84	80	TD	OK	OK
14	2	80	160	16	40	40	16	84	80	TD	OK	OK

5.12 - VERIFICHE DUTTILITA' E GERARCHIE DELLE RESISTENZE

verifiche duttilità e gerarchia delle resistenze - legenda	
par num	numero della parete
piano num	piano della parete
ro	massa volumica materiale pannello (dissipativo se ro >= 650kg/m3)
sp	spessore pannello
dc,v	diametro connettori chiodatura pannello/telaio (dissipativo se >= 3.1 mm)
rdv	rapporto sp/dc,v (>= 4 dissipativo ; se >= 3 e < 4 : dutt. ridotta)
VrdE,v	resistenza di progetto a taglio della chiodatura pannello - telaio in condizioni simiche (zona dissipativa). coeff. sovraresistenza gamma,Rd = 1.1
svr.rib.	sovraresistenza connessioni a ribaltamento (holdown/tie-down)data dal rapporto Vrd,rib/Vsd con Vsd = sollecitazione di calcolo derivante dall'analisi.
svr.sc.	sovraresistenza connessioni a scorrimento (barre filettate)data dal rapporto Vrd,scor/Vsd con

verifiche duttilità e gerarchia delle resistenze - legenda	
	Vsd = sollecitazione di calcolo derivante dall'analisi.
Cl.Dutt.	classe di duttilità risultante dalle verifiche: CD'A' o duttile ; CD'B' o ridotta ; nD non dissipativa

Verifica duttilità e gerarchie delle resistenze - CLASSE DI DUTTILITA' :									
par	piano	ro	sp	dc,v	rdv	VrdE,v	svr.rib.	svr.sc.	Cl.Dutt.
num	num	[kg/m3]	[mm]		[kN]			min	ver.
1	1	650	18	3.1	5.8	163.4	4.4	3.2	A
2	1	650	18	3.1	5.8	86.8	5.2	4.1	A
3	1	650	18	3.1	5.8	86.8	5.2	4.1	A
4	1	650	18	3.1	5.8	163.4	4.4	3.2	A
5	1	650	18	3.1	5.8	154.1	999	2.9	A
6	1	650	18	3.1	5.8	154.1	999	3.8	A
7	1	650	18	3.1	5.8	154.1	999	2.9	A
8	2	650	18	3.1	5.8	162.7	3.4	8.1	A
9	2	650	18	3.1	5.8	61.8	3.4	12.2	A
10	2	650	18	3.1	5.8	61.8	3.4	12.2	A
11	2	650	18	3.1	5.8	162.7	3.4	8.1	A
12	2	650	18	3.1	5.8	152.8	4.6	7.7	A
13	2	650	18	3.1	5.8	152.8	999	10	A
14	2	650	18	3.1	5.8	152.8	4.8	7.7	A

5.13 - VERIFICHE SPOSTAMENTI INTERPIANO - SLD

Verifica sportamenti relativi di interpiano - SLD - VERIFICA : c,sic,min = 7.59										
parete	piano	b	klat	comb	Vsd	d	d,lim	c.sic	c.sic	status
num	num	[m]	kN/mm	num	[kN]	[mm]	[mm]		min	ver.
1	1	8	25.9	9	38.81	1.5	12.3	8.21	8.21	OK
				10	38.81	1.5	12.3	8.21		OK
				11	38.81	1.5	12.3	8.21		OK
				12	38.81	1.5	12.3	8.21		OK
				13	38.75	1.5	12.3	8.22		OK
				14	38.75	1.5	12.3	8.22		OK
				15	38.75	1.5	12.3	8.22		OK
				16	38.75	1.5	12.3	8.22		OK
				17	38.75	1.5	12.3	8.22		OK
				18	38.75	1.5	12.3	8.22		OK
				19	38.75	1.5	12.3	8.22		OK
				20	38.75	1.5	12.3	8.22		OK
				21	38.81	1.5	12.3	8.21		OK
				22	38.81	1.5	12.3	8.21		OK
				23	38.81	1.5	12.3	8.21		OK
				24	38.81	1.5	12.3	8.21		OK
				25	11.72	0.45	12.3	27.2		OK
				26	11.72	0.45	12.3	27.2		OK
				27	11.72	0.45	12.3	27.2		OK

Verifica sportamenti relativi di interpiano - SLD - VERIFICA : c,sic,min = 7.59

				28	11.72	0.45	12.3	27.2		OK
				29	11.55	0.45	12.3	27.6		OK
				30	11.55	0.45	12.3	27.6		OK
				31	11.55	0.45	12.3	27.6		OK
				32	11.55	0.45	12.3	27.6		OK
				33	11.55	0.45	12.3	27.6		OK
				34	11.55	0.45	12.3	27.6		OK
				35	11.55	0.45	12.3	27.6		OK
				36	11.55	0.45	12.3	27.6		OK
				37	11.72	0.45	12.3	27.2		OK
				38	11.72	0.45	12.3	27.2		OK
				39	11.72	0.45	12.3	27.2		OK
				40	11.72	0.45	12.3	27.2		OK
2	1	3.71	11.9	9	13.7	1.15	12.3	10.7	10.7	OK
				10	13.7	1.15	12.3	10.7		OK
				11	13.7	1.15	12.3	10.7		OK
				12	13.7	1.15	12.3	10.7		OK
				13	13.7	1.15	12.3	10.7		OK
				14	13.7	1.15	12.3	10.7		OK
				15	13.7	1.15	12.3	10.7		OK
				16	13.7	1.15	12.3	10.7		OK
				17	13.7	1.15	12.3	10.7		OK
				18	13.7	1.15	12.3	10.7		OK
				19	13.7	1.15	12.3	10.7		OK
				20	13.7	1.15	12.3	10.7		OK
				21	13.7	1.15	12.3	10.7		OK
				22	13.7	1.15	12.3	10.7		OK
				23	13.7	1.15	12.3	10.7		OK
				24	13.7	1.15	12.3	10.7		OK
				25	4.41	0.37	12.3	33.2		OK
				26	4.41	0.37	12.3	33.2		OK
				27	4.41	0.37	12.3	33.2		OK
				28	4.41	0.37	12.3	33.2		OK
				29	4.41	0.37	12.3	33.2		OK
				30	4.41	0.37	12.3	33.2		OK
				31	4.41	0.37	12.3	33.2		OK
				32	4.41	0.37	12.3	33.2		OK
				33	4.41	0.37	12.3	33.2		OK
				34	4.41	0.37	12.3	33.2		OK
				35	4.41	0.37	12.3	33.2		OK
				36	4.41	0.37	12.3	33.2		OK
				37	4.41	0.37	12.3	33.2		OK
				38	4.41	0.37	12.3	33.2		OK
				39	4.41	0.37	12.3	33.2		OK
				40	4.41	0.37	12.3	33.2		OK
3	1	3.71	11.9	9	13.7	1.15	12.3	10.7	10.7	OK
				10	13.7	1.15	12.3	10.7		OK

Verifica sportamenti relativi di interpiano - SLD - VERIFICA : c,sic,min = 7.59

				11	13.7	1.15	12.3	10.7		OK
				12	13.7	1.15	12.3	10.7		OK
				13	13.7	1.15	12.3	10.7		OK
				14	13.7	1.15	12.3	10.7		OK
				15	13.7	1.15	12.3	10.7		OK
				16	13.7	1.15	12.3	10.7		OK
				17	13.7	1.15	12.3	10.7		OK
				18	13.7	1.15	12.3	10.7		OK
				19	13.7	1.15	12.3	10.7		OK
				20	13.7	1.15	12.3	10.7		OK
				21	13.7	1.15	12.3	10.7		OK
				22	13.7	1.15	12.3	10.7		OK
				23	13.7	1.15	12.3	10.7		OK
				24	13.7	1.15	12.3	10.7		OK
				25	4.41	0.37	12.3	33.2		OK
				26	4.41	0.37	12.3	33.2		OK
				27	4.41	0.37	12.3	33.2		OK
				28	4.41	0.37	12.3	33.2		OK
				29	4.41	0.37	12.3	33.2		OK
				30	4.41	0.37	12.3	33.2		OK
				31	4.41	0.37	12.3	33.2		OK
				32	4.41	0.37	12.3	33.2		OK
				33	4.41	0.37	12.3	33.2		OK
				34	4.41	0.37	12.3	33.2		OK
				35	4.41	0.37	12.3	33.2		OK
				36	4.41	0.37	12.3	33.2		OK
				37	4.41	0.37	12.3	33.2		OK
				38	4.41	0.37	12.3	33.2		OK
				39	4.41	0.37	12.3	33.2		OK
				40	4.41	0.37	12.3	33.2		OK
4	1	8	25.9	9	38.75	1.5	12.3	8.22	8.21	OK
				10	38.75	1.5	12.3	8.22		OK
				11	38.75	1.5	12.3	8.22		OK
				12	38.75	1.5	12.3	8.22		OK
				13	38.81	1.5	12.3	8.21		OK
				14	38.81	1.5	12.3	8.21		OK
				15	38.81	1.5	12.3	8.21		OK
				16	38.81	1.5	12.3	8.21		OK
				17	38.81	1.5	12.3	8.21		OK
				18	38.81	1.5	12.3	8.21		OK
				19	38.81	1.5	12.3	8.21		OK
				20	38.81	1.5	12.3	8.21		OK
				21	38.75	1.5	12.3	8.22		OK
				22	38.75	1.5	12.3	8.22		OK
				23	38.75	1.5	12.3	8.22		OK
				24	38.75	1.5	12.3	8.22		OK
				25	11.55	0.45	12.3	27.6		OK

Verifica sportamenti relativi di interpiano - SLD - VERIFICA : c,sic,min = 7.59

				26	11.55	0.45	12.3	27.6		OK
				27	11.55	0.45	12.3	27.6		OK
				28	11.55	0.45	12.3	27.6		OK
				29	11.72	0.45	12.3	27.2		OK
				30	11.72	0.45	12.3	27.2		OK
				31	11.72	0.45	12.3	27.2		OK
				32	11.72	0.45	12.3	27.2		OK
				33	11.72	0.45	12.3	27.2		OK
				34	11.72	0.45	12.3	27.2		OK
				35	11.72	0.45	12.3	27.2		OK
				36	11.72	0.45	12.3	27.2		OK
				37	11.55	0.45	12.3	27.6		OK
				38	11.55	0.45	12.3	27.6		OK
				39	11.55	0.45	12.3	27.6		OK
				40	11.55	0.45	12.3	27.6		OK
5	1	7.61	23.2	9	21.9	0.94	12.3	13	7.59	OK
				10	21.9	0.94	12.3	13		OK
				11	21.9	0.94	12.3	13		OK
				12	21.9	0.94	12.3	13		OK
				13	21.9	0.94	12.3	13		OK
				14	21.9	0.94	12.3	13		OK
				15	21.9	0.94	12.3	13		OK
				16	21.9	0.94	12.3	13		OK
				17	21.9	0.94	12.3	13		OK
				18	21.9	0.94	12.3	13		OK
				19	21.9	0.94	12.3	13		OK
				20	21.9	0.94	12.3	13		OK
				21	21.9	0.94	12.3	13		OK
				22	21.9	0.94	12.3	13		OK
				23	21.9	0.94	12.3	13		OK
				24	21.9	0.94	12.3	13		OK
				25	37.63	1.62	12.3	7.59		OK
				26	37.63	1.62	12.3	7.59		OK
				27	37.63	1.62	12.3	7.59		OK
				28	37.63	1.62	12.3	7.59		OK
				29	37.63	1.62	12.3	7.59		OK
				30	37.63	1.62	12.3	7.59		OK
				31	37.63	1.62	12.3	7.59		OK
				32	37.63	1.62	12.3	7.59		OK
				33	37.63	1.62	12.3	7.59		OK
				34	37.63	1.62	12.3	7.59		OK
				35	37.63	1.62	12.3	7.59		OK
				36	37.63	1.62	12.3	7.59		OK
				37	37.63	1.62	12.3	7.59		OK
				38	37.63	1.62	12.3	7.59		OK
				39	37.63	1.62	12.3	7.59		OK
				40	37.63	1.62	12.3	7.59		OK

Verifica sportamenti relativi di interpiano - SLD - VERIFICA : c,sic,min = 7.59										
6	1	7.61	23.2	9	29.05	1.25	12.3	9.83	9.83	OK
				10	29.05	1.25	12.3	9.83		OK
				11	29.05	1.25	12.3	9.83		OK
				12	29.05	1.25	12.3	9.83		OK
				13	29.05	1.25	12.3	9.83		OK
				14	29.05	1.25	12.3	9.83		OK
				15	29.05	1.25	12.3	9.83		OK
				16	29.05	1.25	12.3	9.83		OK
				17	29.05	1.25	12.3	9.83		OK
				18	29.05	1.25	12.3	9.83		OK
				19	29.05	1.25	12.3	9.83		OK
				20	29.05	1.25	12.3	9.83		OK
				21	29.05	1.25	12.3	9.83		OK
				22	29.05	1.25	12.3	9.83		OK
				23	29.05	1.25	12.3	9.83		OK
				24	29.05	1.25	12.3	9.83		OK
				25	29.05	1.25	12.3	9.83		OK
				26	29.05	1.25	12.3	9.83		OK
				27	29.05	1.25	12.3	9.83		OK
				28	29.05	1.25	12.3	9.83		OK
				29	29.05	1.25	12.3	9.83		OK
				30	29.05	1.25	12.3	9.83		OK
				31	29.05	1.25	12.3	9.83		OK
				32	29.05	1.25	12.3	9.83		OK
				33	29.05	1.25	12.3	9.83		OK
				34	29.05	1.25	12.3	9.83		OK
				35	29.05	1.25	12.3	9.83		OK
				36	29.05	1.25	12.3	9.83		OK
				37	29.05	1.25	12.3	9.83		OK
				38	29.05	1.25	12.3	9.83		OK
				39	29.05	1.25	12.3	9.83		OK
				40	29.05	1.25	12.3	9.83		OK
7	1	7.61	23.2	9	21.57	0.93	12.3	13.2	7.59	OK
				10	21.57	0.93	12.3	13.2		OK
				11	21.57	0.93	12.3	13.2		OK
				12	21.57	0.93	12.3	13.2		OK
				13	21.57	0.93	12.3	13.2		OK
				14	21.57	0.93	12.3	13.2		OK
				15	21.57	0.93	12.3	13.2		OK
				16	21.57	0.93	12.3	13.2		OK
				17	21.57	0.93	12.3	13.2		OK
				18	21.57	0.93	12.3	13.2		OK
				19	21.57	0.93	12.3	13.2		OK
				20	21.57	0.93	12.3	13.2		OK
				21	21.57	0.93	12.3	13.2		OK
				22	21.57	0.93	12.3	13.2		OK
				23	21.57	0.93	12.3	13.2		OK

Verifica sportamenti relativi di interpiano - SLD - VERIFICA : c,sic,min = 7.59

				24	21.57	0.93	12.3	13.2		OK
				25	37.63	1.62	12.3	7.59		OK
				26	37.63	1.62	12.3	7.59		OK
				27	37.63	1.62	12.3	7.59		OK
				28	37.63	1.62	12.3	7.59		OK
				29	37.63	1.62	12.3	7.59		OK
				30	37.63	1.62	12.3	7.59		OK
				31	37.63	1.62	12.3	7.59		OK
				32	37.63	1.62	12.3	7.59		OK
				33	37.63	1.62	12.3	7.59		OK
				34	37.63	1.62	12.3	7.59		OK
				35	37.63	1.62	12.3	7.59		OK
				36	37.63	1.62	12.3	7.59		OK
				37	37.63	1.62	12.3	7.59		OK
				38	37.63	1.62	12.3	7.59		OK
				39	37.63	1.62	12.3	7.59		OK
				40	37.63	1.62	12.3	7.59		OK
8	2	8	25.8	9	30.73	1.19	12.43	10.4	10.4	OK
				10	30.73	1.19	12.43	10.4		OK
				11	30.73	1.19	12.43	10.4		OK
				12	30.73	1.19	12.43	10.4		OK
				13	30.68	1.19	12.43	10.5		OK
				14	30.68	1.19	12.43	10.5		OK
				15	30.68	1.19	12.43	10.5		OK
				16	30.68	1.19	12.43	10.5		OK
				17	30.68	1.19	12.43	10.5		OK
				18	30.68	1.19	12.43	10.5		OK
				19	30.68	1.19	12.43	10.5		OK
				20	30.68	1.19	12.43	10.5		OK
				21	30.73	1.19	12.43	10.4		OK
				22	30.73	1.19	12.43	10.4		OK
				23	30.73	1.19	12.43	10.4		OK
				24	30.73	1.19	12.43	10.4		OK
				25	9.3	0.36	12.43	34.5		OK
				26	9.3	0.36	12.43	34.5		OK
				27	9.3	0.36	12.43	34.5		OK
				28	9.3	0.36	12.43	34.5		OK
				29	9.12	0.35	12.43	35.1		OK
				30	9.12	0.35	12.43	35.1		OK
				31	9.12	0.35	12.43	35.1		OK
				32	9.12	0.35	12.43	35.1		OK
				33	9.12	0.35	12.43	35.1		OK
				34	9.12	0.35	12.43	35.1		OK
				35	9.12	0.35	12.43	35.1		OK
				36	9.12	0.35	12.43	35.1		OK
				37	9.3	0.36	12.43	34.5		OK
				38	9.3	0.36	12.43	34.5		OK

Verifica sportamenti relativi di interpiano - SLD - VERIFICA : c,sic,min = 7.59

				39	9.3	0.36	12.43	34.5		OK
				40	9.3	0.36	12.43	34.5		OK
9	2	3.71	10	9	9.15	0.92	17.66	19.3	19.3	OK
				10	9.15	0.92	17.66	19.3		OK
				11	9.15	0.92	17.66	19.3		OK
				12	9.15	0.92	17.66	19.3		OK
				13	9.15	0.92	17.66	19.3		OK
				14	9.15	0.92	17.66	19.3		OK
				15	9.15	0.92	17.66	19.3		OK
				16	9.15	0.92	17.66	19.3		OK
				17	9.15	0.92	17.66	19.3		OK
				18	9.15	0.92	17.66	19.3		OK
				19	9.15	0.92	17.66	19.3		OK
				20	9.15	0.92	17.66	19.3		OK
				21	9.15	0.92	17.66	19.3		OK
				22	9.15	0.92	17.66	19.3		OK
				23	9.15	0.92	17.66	19.3		OK
				24	9.15	0.92	17.66	19.3		OK
				25	3.3	0.33	17.66	53.5		OK
				26	3.3	0.33	17.66	53.5		OK
				27	3.3	0.33	17.66	53.5		OK
				28	3.3	0.33	17.66	53.5		OK
				29	3.3	0.33	17.66	53.5		OK
				30	3.3	0.33	17.66	53.5		OK
				31	3.3	0.33	17.66	53.5		OK
				32	3.3	0.33	17.66	53.5		OK
				33	3.3	0.33	17.66	53.5		OK
				34	3.3	0.33	17.66	53.5		OK
				35	3.3	0.33	17.66	53.5		OK
				36	3.3	0.33	17.66	53.5		OK
				37	3.3	0.33	17.66	53.5		OK
				38	3.3	0.33	17.66	53.5		OK
				39	3.3	0.33	17.66	53.5		OK
				40	3.3	0.33	17.66	53.5		OK
10	2	3.71	10	9	9.15	0.92	17.66	19.3	19.3	OK
				10	9.15	0.92	17.66	19.3		OK
				11	9.15	0.92	17.66	19.3		OK
				12	9.15	0.92	17.66	19.3		OK
				13	9.15	0.92	17.66	19.3		OK
				14	9.15	0.92	17.66	19.3		OK
				15	9.15	0.92	17.66	19.3		OK
				16	9.15	0.92	17.66	19.3		OK
				17	9.15	0.92	17.66	19.3		OK
				18	9.15	0.92	17.66	19.3		OK
				19	9.15	0.92	17.66	19.3		OK
				20	9.15	0.92	17.66	19.3		OK
				21	9.15	0.92	17.66	19.3		OK

Verifica sportamenti relativi di interpiano - SLD - VERIFICA : c,sic,min = 7.59

				22	9.15	0.92	17.66	19.3		OK
				23	9.15	0.92	17.66	19.3		OK
				24	9.15	0.92	17.66	19.3		OK
				25	3.3	0.33	17.66	53.5		OK
				26	3.3	0.33	17.66	53.5		OK
				27	3.3	0.33	17.66	53.5		OK
				28	3.3	0.33	17.66	53.5		OK
				29	3.3	0.33	17.66	53.5		OK
				30	3.3	0.33	17.66	53.5		OK
				31	3.3	0.33	17.66	53.5		OK
				32	3.3	0.33	17.66	53.5		OK
				33	3.3	0.33	17.66	53.5		OK
				34	3.3	0.33	17.66	53.5		OK
				35	3.3	0.33	17.66	53.5		OK
				36	3.3	0.33	17.66	53.5		OK
				37	3.3	0.33	17.66	53.5		OK
				38	3.3	0.33	17.66	53.5		OK
				39	3.3	0.33	17.66	53.5		OK
				40	3.3	0.33	17.66	53.5		OK
11	2	8	25.8	9	30.68	1.19	12.43	10.5	10.4	OK
				10	30.68	1.19	12.43	10.5		OK
				11	30.68	1.19	12.43	10.5		OK
				12	30.68	1.19	12.43	10.5		OK
				13	30.73	1.19	12.43	10.4		OK
				14	30.73	1.19	12.43	10.4		OK
				15	30.73	1.19	12.43	10.4		OK
				16	30.73	1.19	12.43	10.4		OK
				17	30.73	1.19	12.43	10.4		OK
				18	30.73	1.19	12.43	10.4		OK
				19	30.73	1.19	12.43	10.4		OK
				20	30.73	1.19	12.43	10.4		OK
				21	30.68	1.19	12.43	10.5		OK
				22	30.68	1.19	12.43	10.5		OK
				23	30.68	1.19	12.43	10.5		OK
				24	30.68	1.19	12.43	10.5		OK
				25	9.12	0.35	12.43	35.1		OK
				26	9.12	0.35	12.43	35.1		OK
				27	9.12	0.35	12.43	35.1		OK
				28	9.12	0.35	12.43	35.1		OK
				29	9.3	0.36	12.43	34.5		OK
				30	9.3	0.36	12.43	34.5		OK
				31	9.3	0.36	12.43	34.5		OK
				32	9.3	0.36	12.43	34.5		OK
				33	9.3	0.36	12.43	34.5		OK
				34	9.3	0.36	12.43	34.5		OK
				35	9.3	0.36	12.43	34.5		OK
				36	9.3	0.36	12.43	34.5		OK

Verifica sportamenti relativi di interpiano - SLD - VERIFICA : c,sic,min = 7.59

				37	9.12	0.35	12.43	35.1		OK
				38	9.12	0.35	12.43	35.1		OK
				39	9.12	0.35	12.43	35.1		OK
				40	9.12	0.35	12.43	35.1		OK
12	2	7.61	23.2	9	15.87	0.68	15.07	22	12.4	OK
				10	15.87	0.68	15.07	22		OK
				11	15.87	0.68	15.07	22		OK
				12	15.87	0.68	15.07	22		OK
				13	15.87	0.68	15.07	22		OK
				14	15.87	0.68	15.07	22		OK
				15	15.87	0.68	15.07	22		OK
				16	15.87	0.68	15.07	22		OK
				17	15.87	0.68	15.07	22		OK
				18	15.87	0.68	15.07	22		OK
				19	15.87	0.68	15.07	22		OK
				20	15.87	0.68	15.07	22		OK
				21	15.87	0.68	15.07	22		OK
				22	15.87	0.68	15.07	22		OK
				23	15.87	0.68	15.07	22		OK
				24	15.87	0.68	15.07	22		OK
				25	28.29	1.22	15.07	12.4		OK
				26	28.29	1.22	15.07	12.4		OK
				27	28.29	1.22	15.07	12.4		OK
				28	28.29	1.22	15.07	12.4		OK
				29	28.29	1.22	15.07	12.4		OK
				30	28.29	1.22	15.07	12.4		OK
				31	28.29	1.22	15.07	12.4		OK
				32	28.29	1.22	15.07	12.4		OK
				33	28.29	1.22	15.07	12.4		OK
				34	28.29	1.22	15.07	12.4		OK
				35	28.29	1.22	15.07	12.4		OK
				36	28.29	1.22	15.07	12.4		OK
				37	28.29	1.22	15.07	12.4		OK
				38	28.29	1.22	15.07	12.4		OK
				39	28.29	1.22	15.07	12.4		OK
				40	28.29	1.22	15.07	12.4		OK
13	2	7.61	23.2	9	19.68	0.85	15.07	17.8	16	OK
				10	19.68	0.85	15.07	17.8		OK
				11	19.68	0.85	15.07	17.8		OK
				12	19.68	0.85	15.07	17.8		OK
				13	19.68	0.85	15.07	17.8		OK
				14	19.68	0.85	15.07	17.8		OK
				15	19.68	0.85	15.07	17.8		OK
				16	19.68	0.85	15.07	17.8		OK
				17	19.68	0.85	15.07	17.8		OK
				18	19.68	0.85	15.07	17.8		OK
				19	19.68	0.85	15.07	17.8		OK

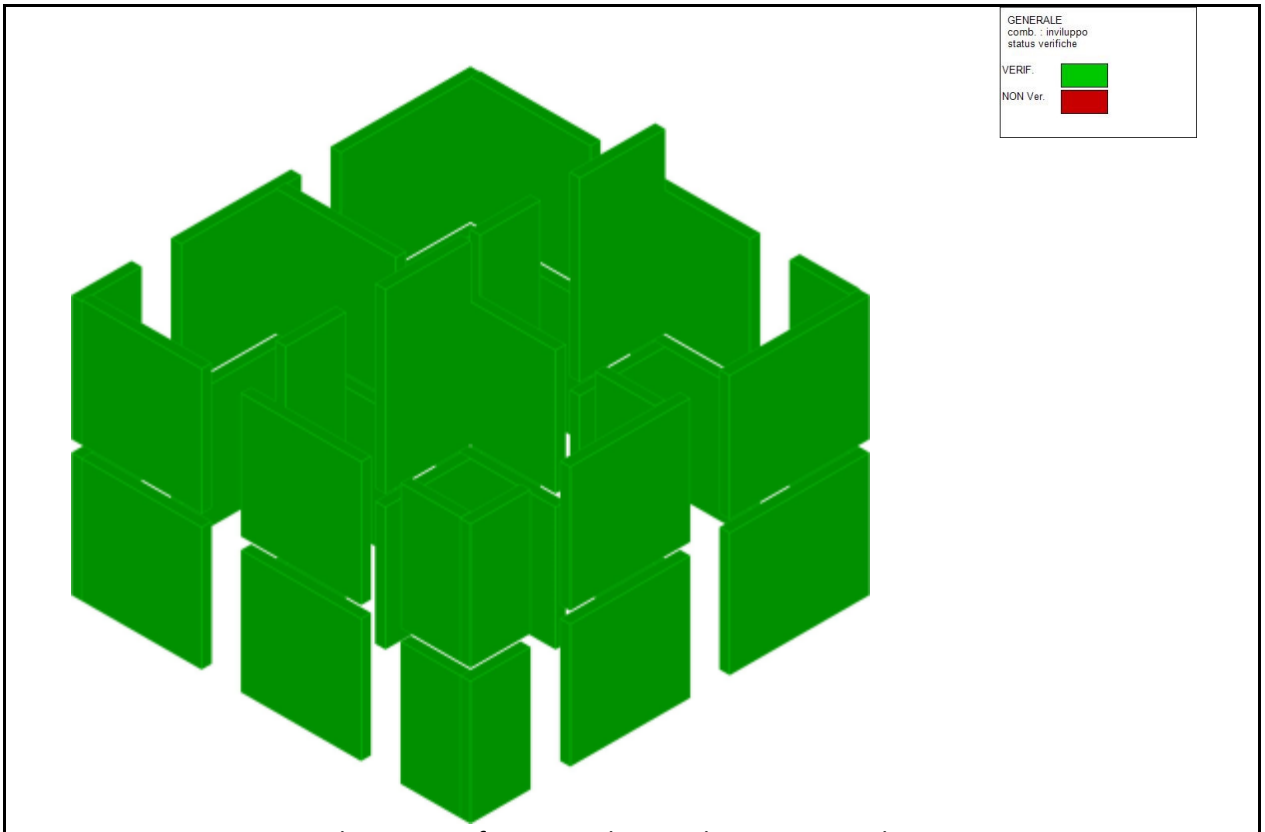
Verifica sportamenti relativi di interpiano - SLD - VERIFICA : c,sic,min = 7.59

				20	19.68	0.85	15.07	17.8		OK
				21	19.68	0.85	15.07	17.8		OK
				22	19.68	0.85	15.07	17.8		OK
				23	19.68	0.85	15.07	17.8		OK
				24	19.68	0.85	15.07	17.8		OK
				25	21.84	0.94	15.07	16		OK
				26	21.84	0.94	15.07	16		OK
				27	21.84	0.94	15.07	16		OK
				28	21.84	0.94	15.07	16		OK
				29	21.84	0.94	15.07	16		OK
				30	21.84	0.94	15.07	16		OK
				31	21.84	0.94	15.07	16		OK
				32	21.84	0.94	15.07	16		OK
				33	21.84	0.94	15.07	16		OK
				34	21.84	0.94	15.07	16		OK
				35	21.84	0.94	15.07	16		OK
				36	21.84	0.94	15.07	16		OK
				37	21.84	0.94	15.07	16		OK
				38	21.84	0.94	15.07	16		OK
				39	21.84	0.94	15.07	16		OK
				40	21.84	0.94	15.07	16		OK
14	2	7.61	23.2	9	15.54	0.67	15.07	22.5	12.4	OK
				10	15.54	0.67	15.07	22.5		OK
				11	15.54	0.67	15.07	22.5		OK
				12	15.54	0.67	15.07	22.5		OK
				13	15.54	0.67	15.07	22.5		OK
				14	15.54	0.67	15.07	22.5		OK
				15	15.54	0.67	15.07	22.5		OK
				16	15.54	0.67	15.07	22.5		OK
				17	15.54	0.67	15.07	22.5		OK
				18	15.54	0.67	15.07	22.5		OK
				19	15.54	0.67	15.07	22.5		OK
				20	15.54	0.67	15.07	22.5		OK
				21	15.54	0.67	15.07	22.5		OK
				22	15.54	0.67	15.07	22.5		OK
				23	15.54	0.67	15.07	22.5		OK
				24	15.54	0.67	15.07	22.5		OK
				25	28.29	1.22	15.07	12.4		OK
				26	28.29	1.22	15.07	12.4		OK
				27	28.29	1.22	15.07	12.4		OK
				28	28.29	1.22	15.07	12.4		OK
				29	28.29	1.22	15.07	12.4		OK
				30	28.29	1.22	15.07	12.4		OK
				31	28.29	1.22	15.07	12.4		OK
				32	28.29	1.22	15.07	12.4		OK
				33	28.29	1.22	15.07	12.4		OK
				34	28.29	1.22	15.07	12.4		OK

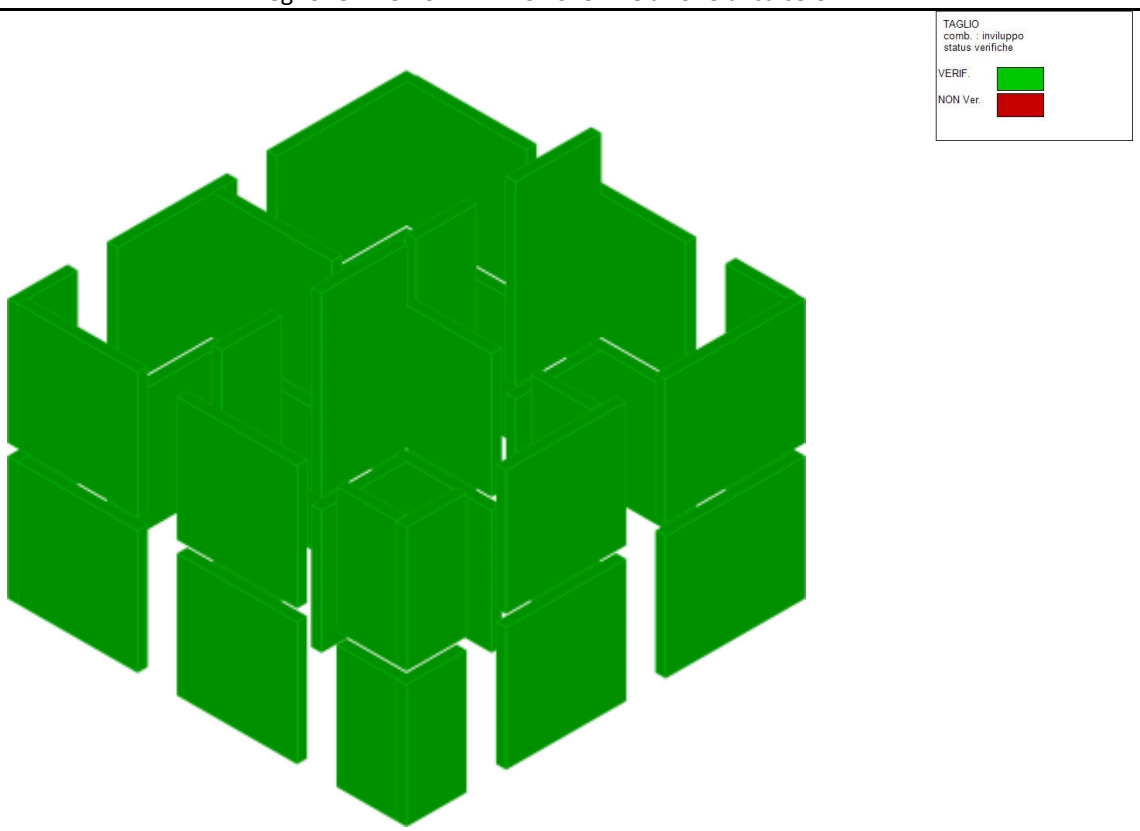
Verifica sportamenti relativi di interpiano - SLD - VERIFICA : c,sic,min = 7.59										
				35	28.29	1.22	15.07	12.4		OK
				36	28.29	1.22	15.07	12.4		OK
				37	28.29	1.22	15.07	12.4		OK
				38	28.29	1.22	15.07	12.4		OK
				39	28.29	1.22	15.07	12.4		OK
				40	28.29	1.22	15.07	12.4		OK

5.14 - SINTESI DEI RISULTATI

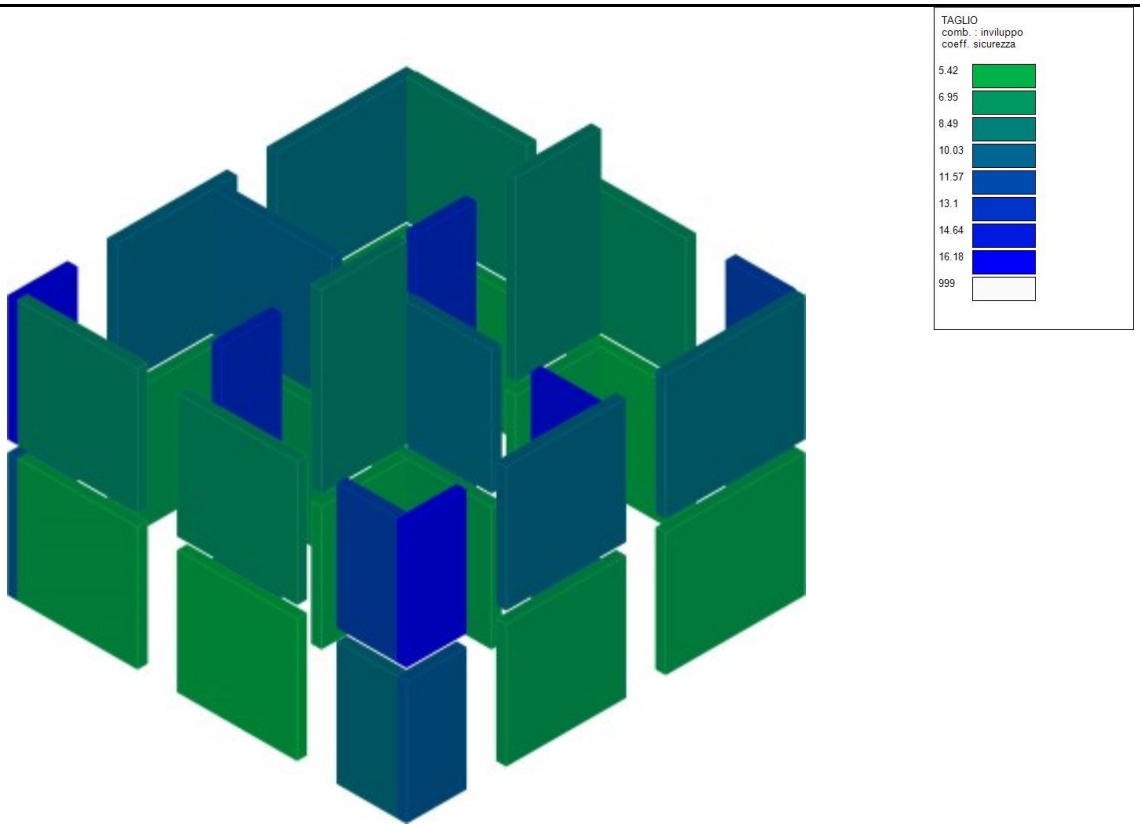
SINTESI DEI RISULTATI				
verifica	num. pareti tot	num. pareti Non ver.	c.sic.	status
taglio	14	0	5.42	VERIFICATO
presso-flessione	14	0	5.21	VERIFICATO
ribaltamento	14	0	1.3	VERIFICATO
scorrimento	14	0	1.45	VERIFICATO
presso-fless. fuori piano	14	0	4.3	VERIFICATO
sisma ortogonale	14	0	25.04	VERIFICATO
spostamenti SLD	14	0	7.59	VERIFICATO



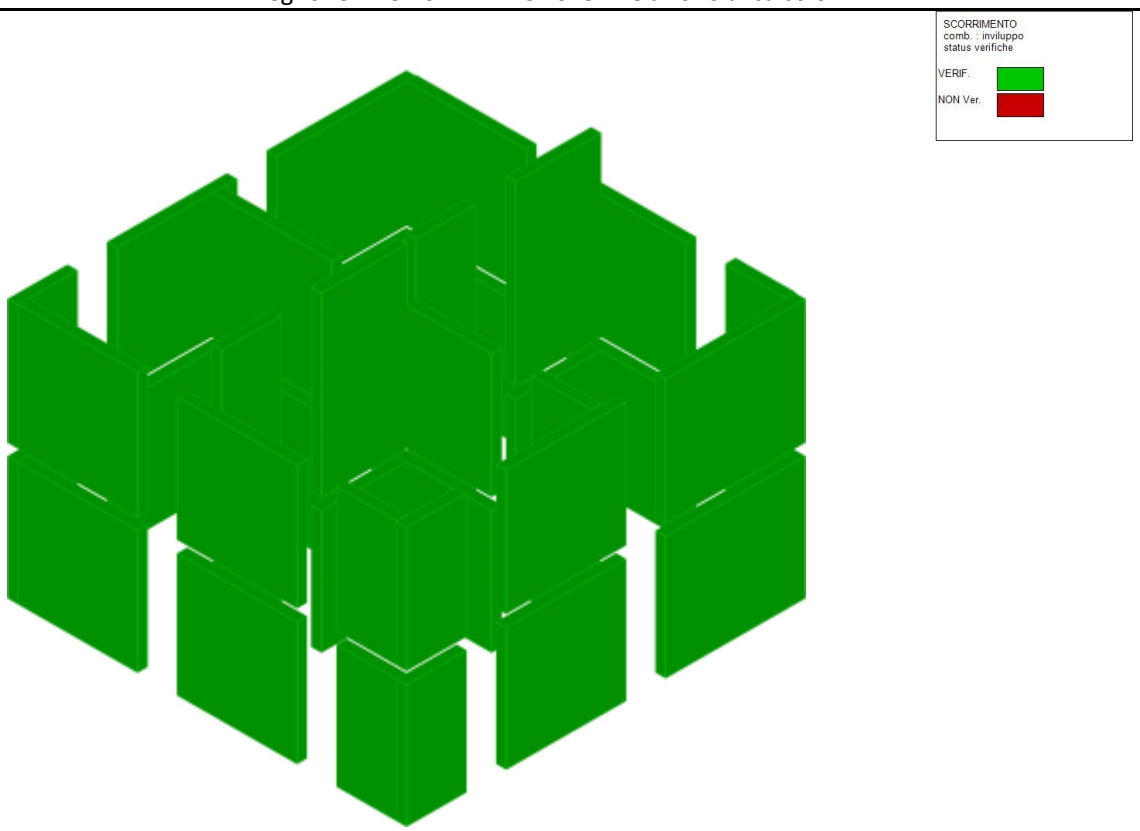
colormap verifica generale - combinazione : inviluppo



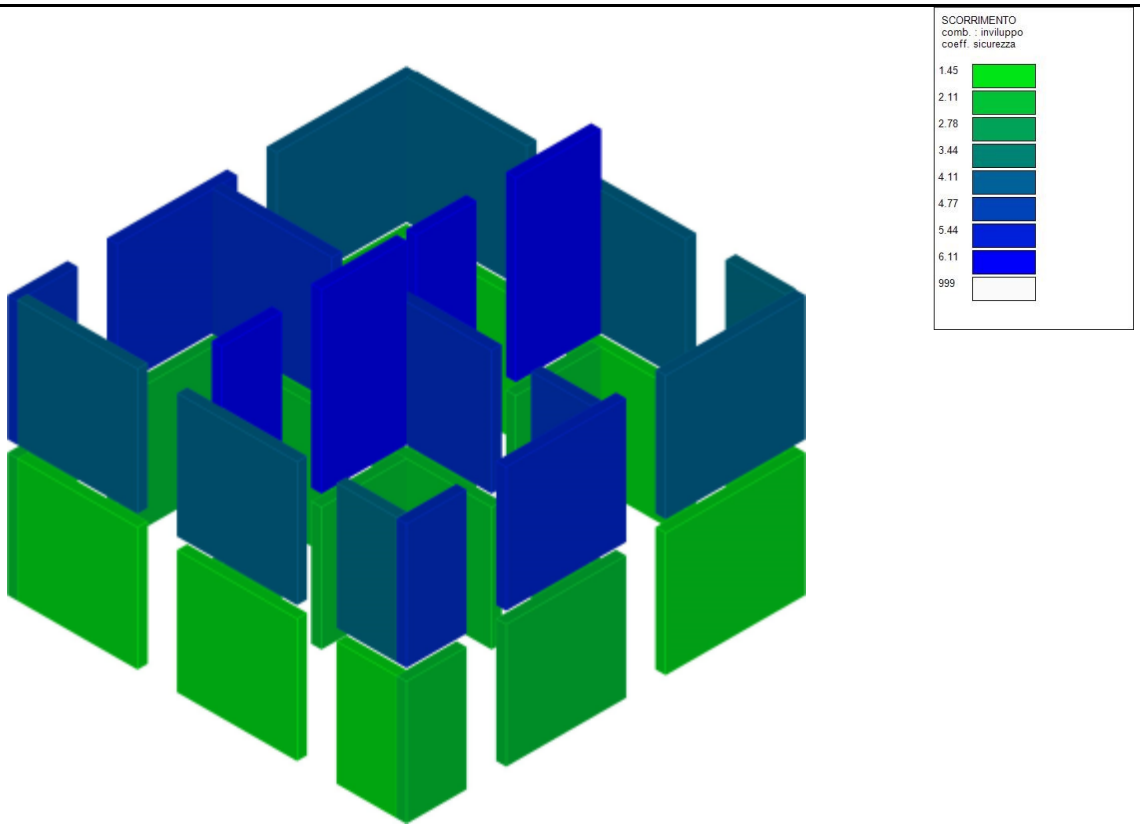
colormap verifica taglio - combinazione : inviluppo



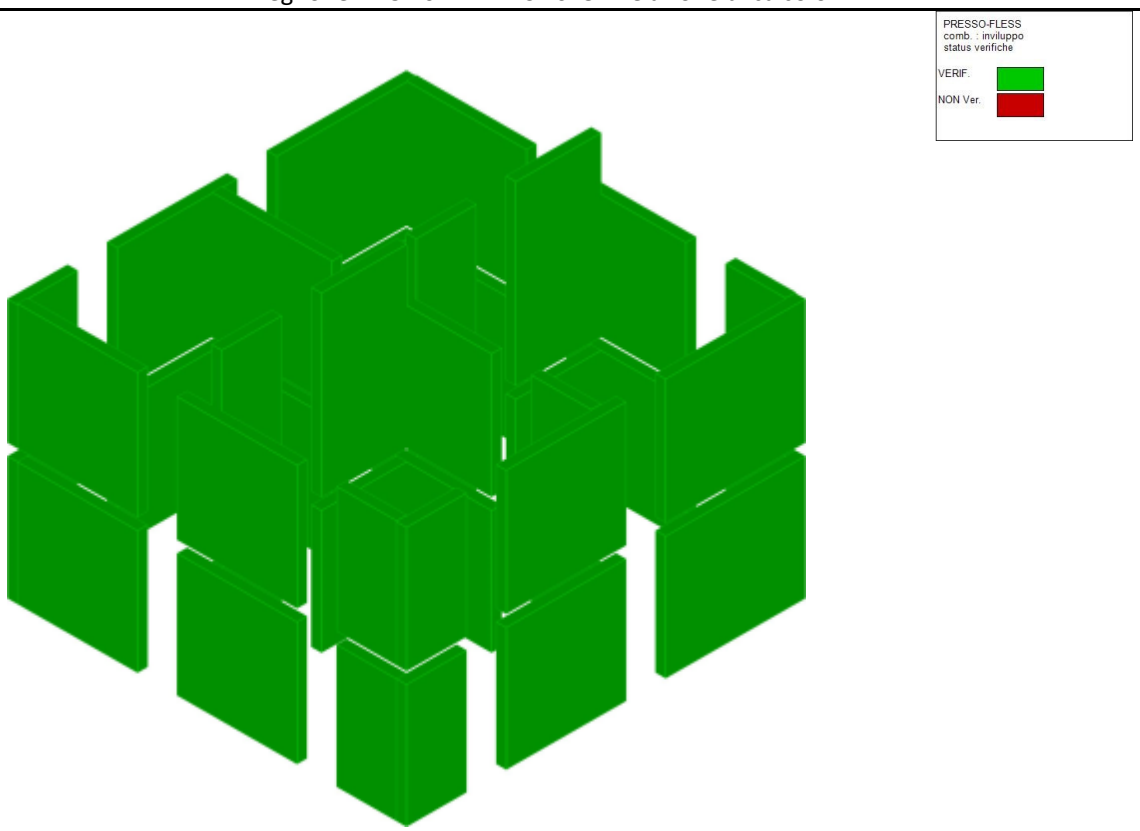
colormap coeff. sicurezza verifica taglio - combinazione : inviluppo



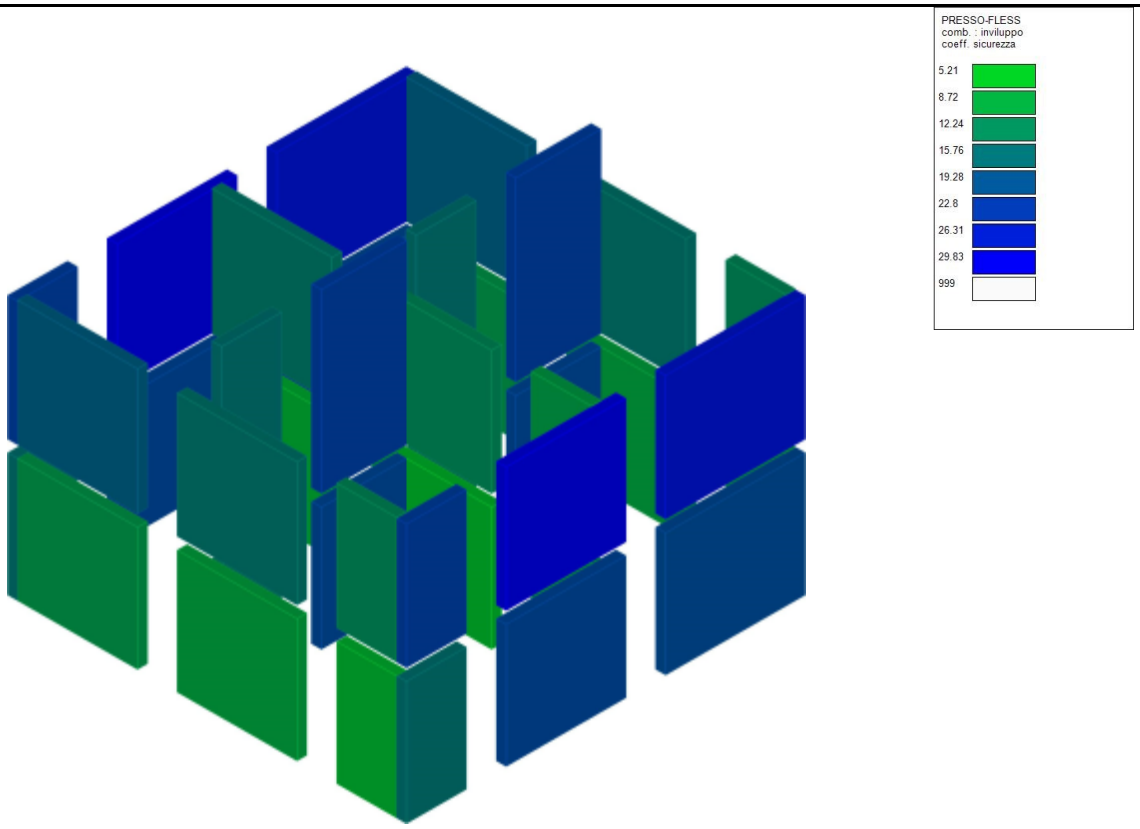
colormap verifica scorrimento - combinazione : inviluppo



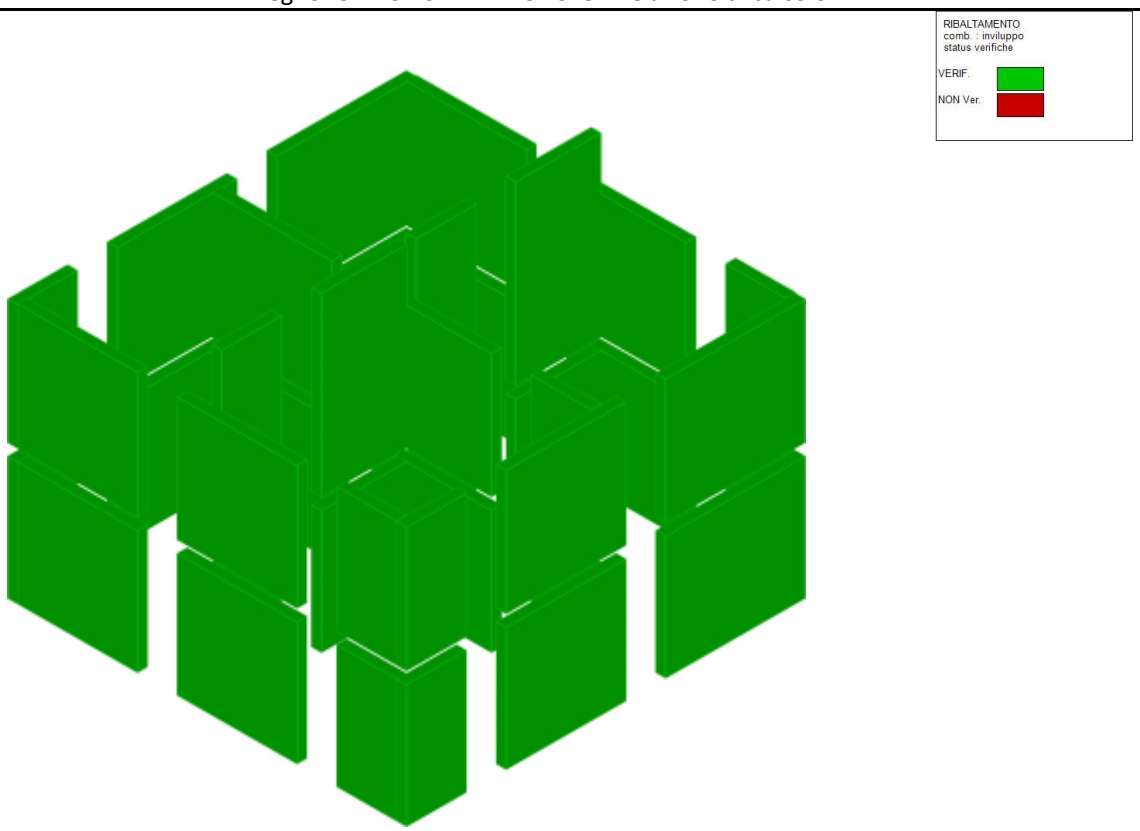
colormap coeff. sicurezza verifica scorrimento - combinazione : inviluppo



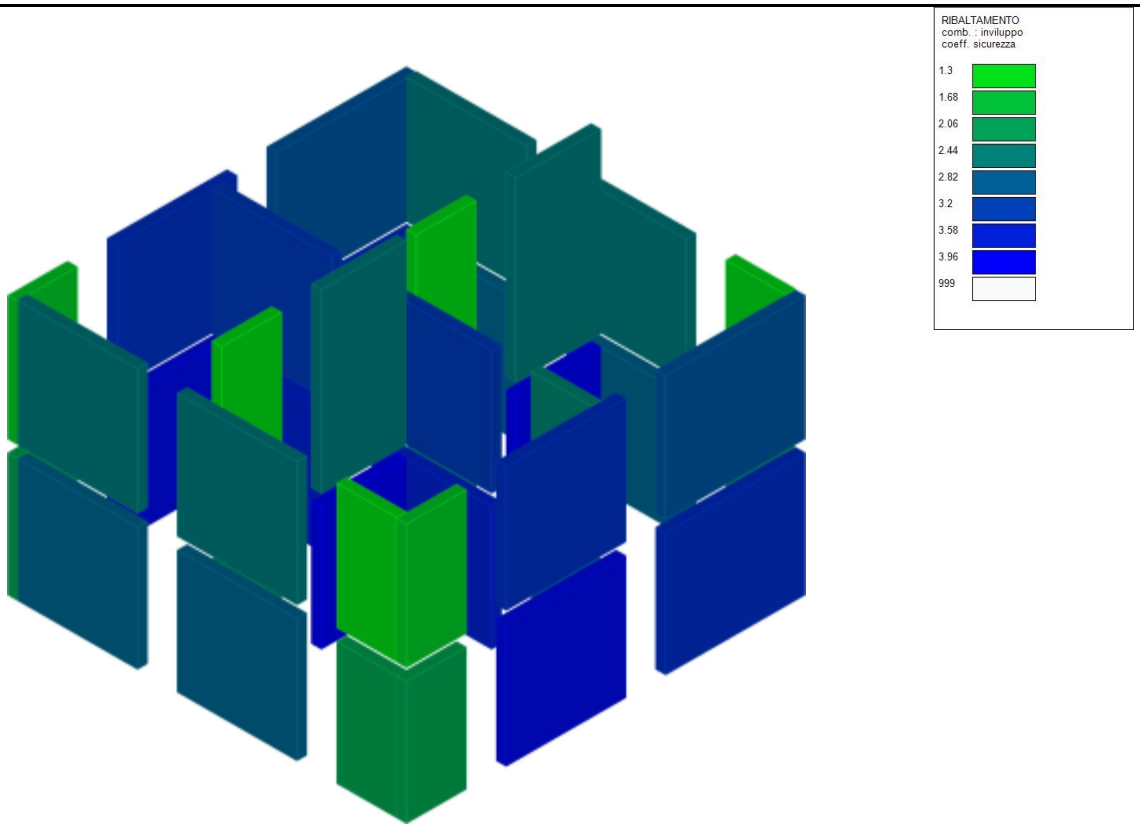
colormap verifica presso-fless - combinazione : inviluppo



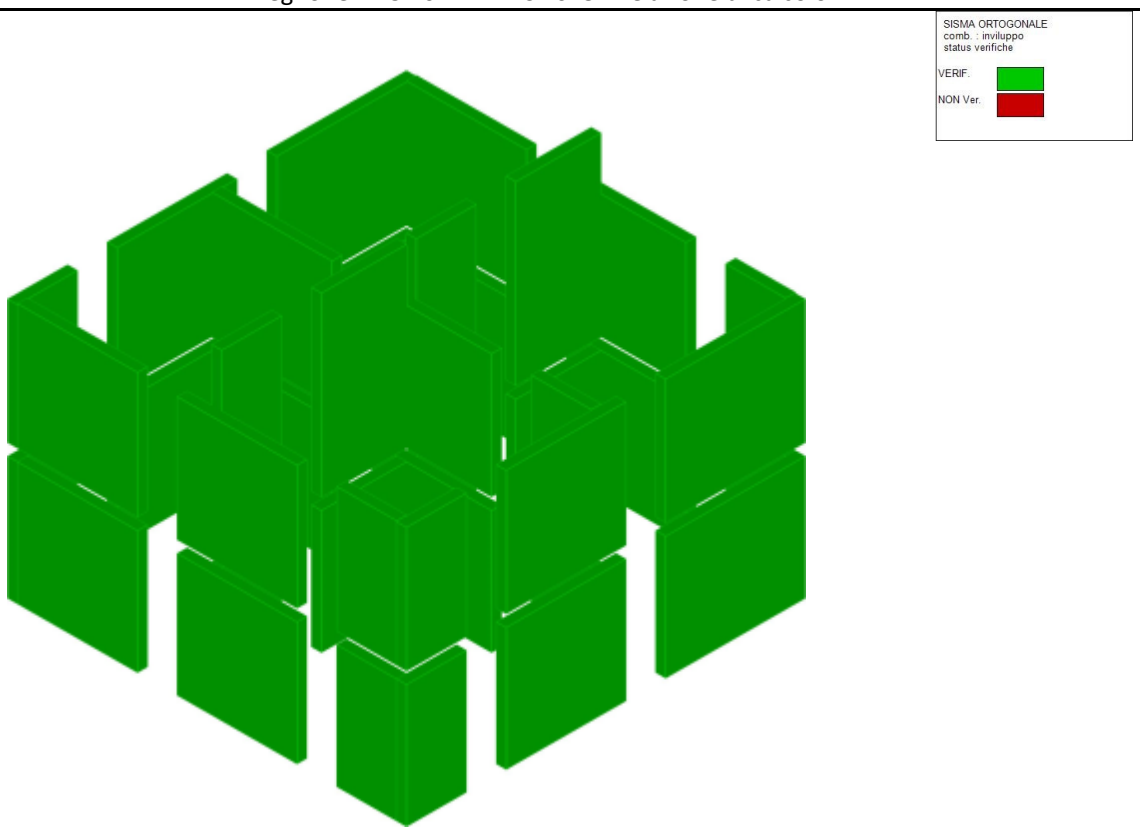
colormap coeff. sicurezza verifica presso-fless - combinazione : inviluppo



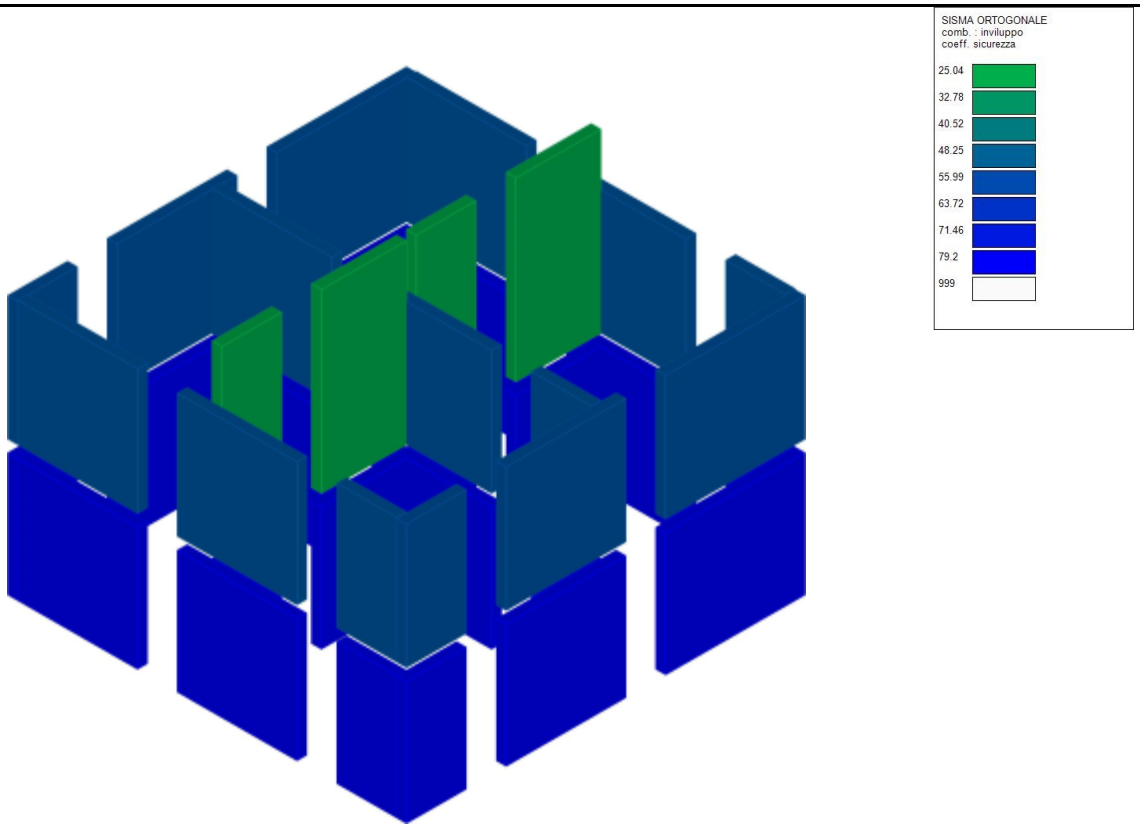
colormap verifica ribaltamento - combinazione : inviluppo



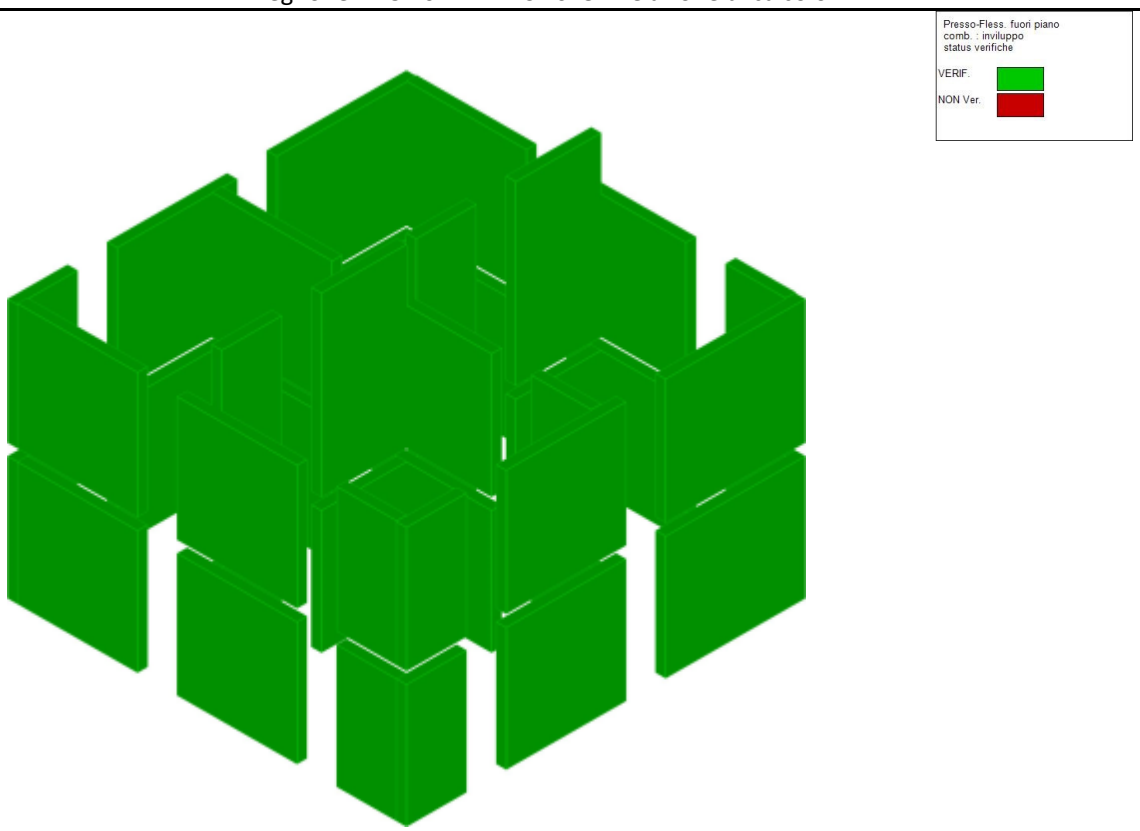
colormap coeff. sicurezza verifica ribaltamento - combinazione : inviluppo



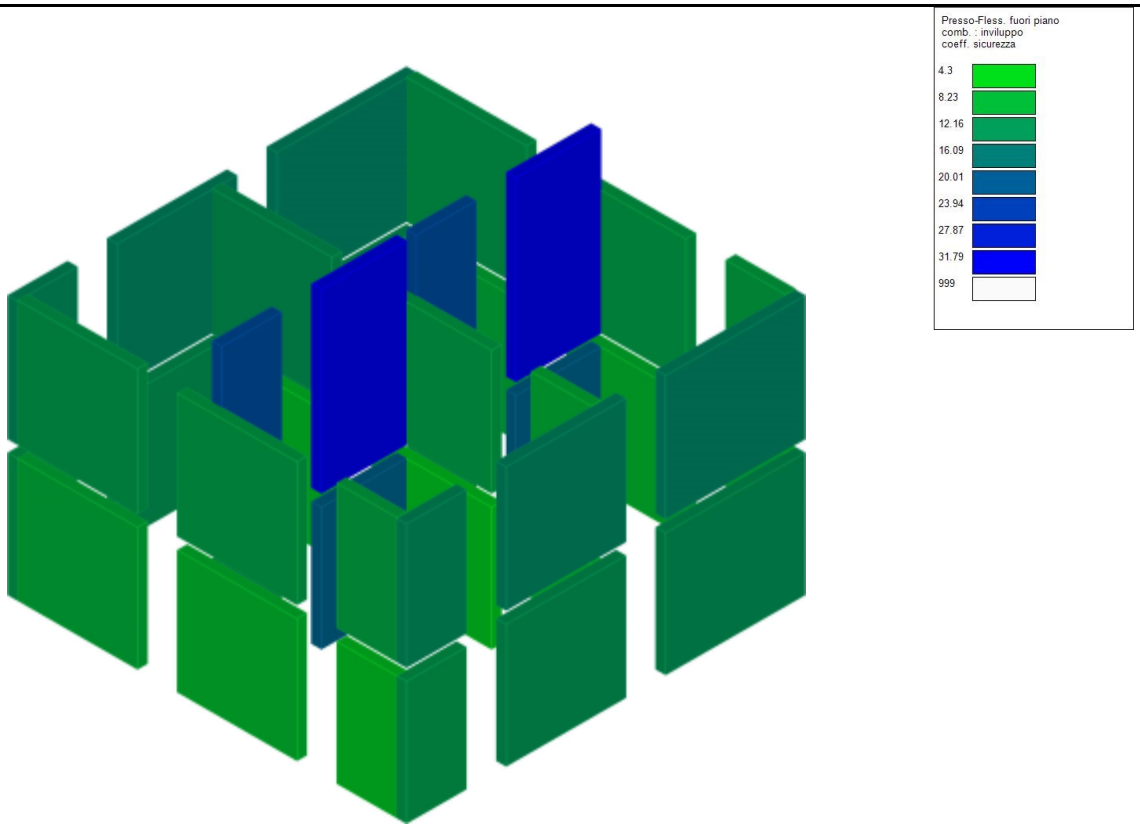
colormap verifica sismaortogonale - combinazione : inviluppo



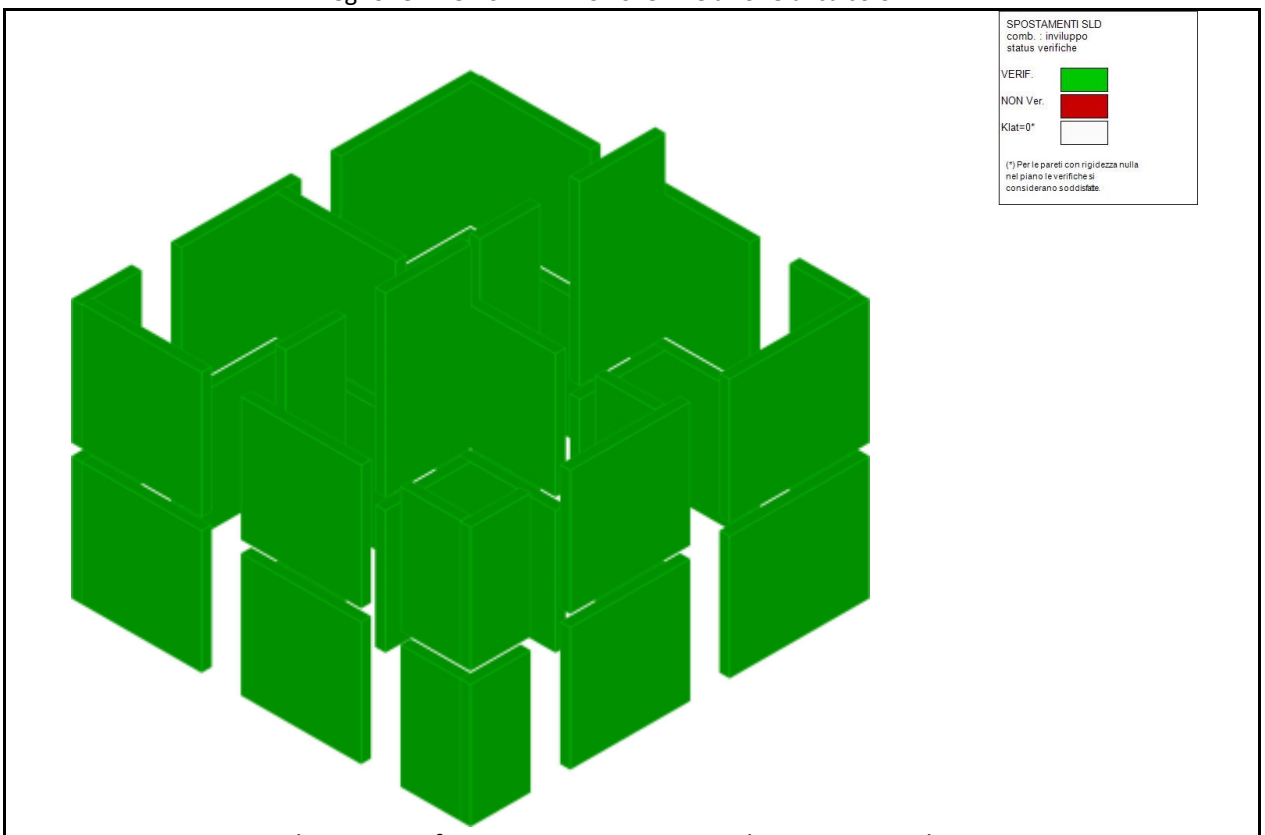
colormap coeff. sicurezza verifica sismaortogonale - combinazione : inviluppo



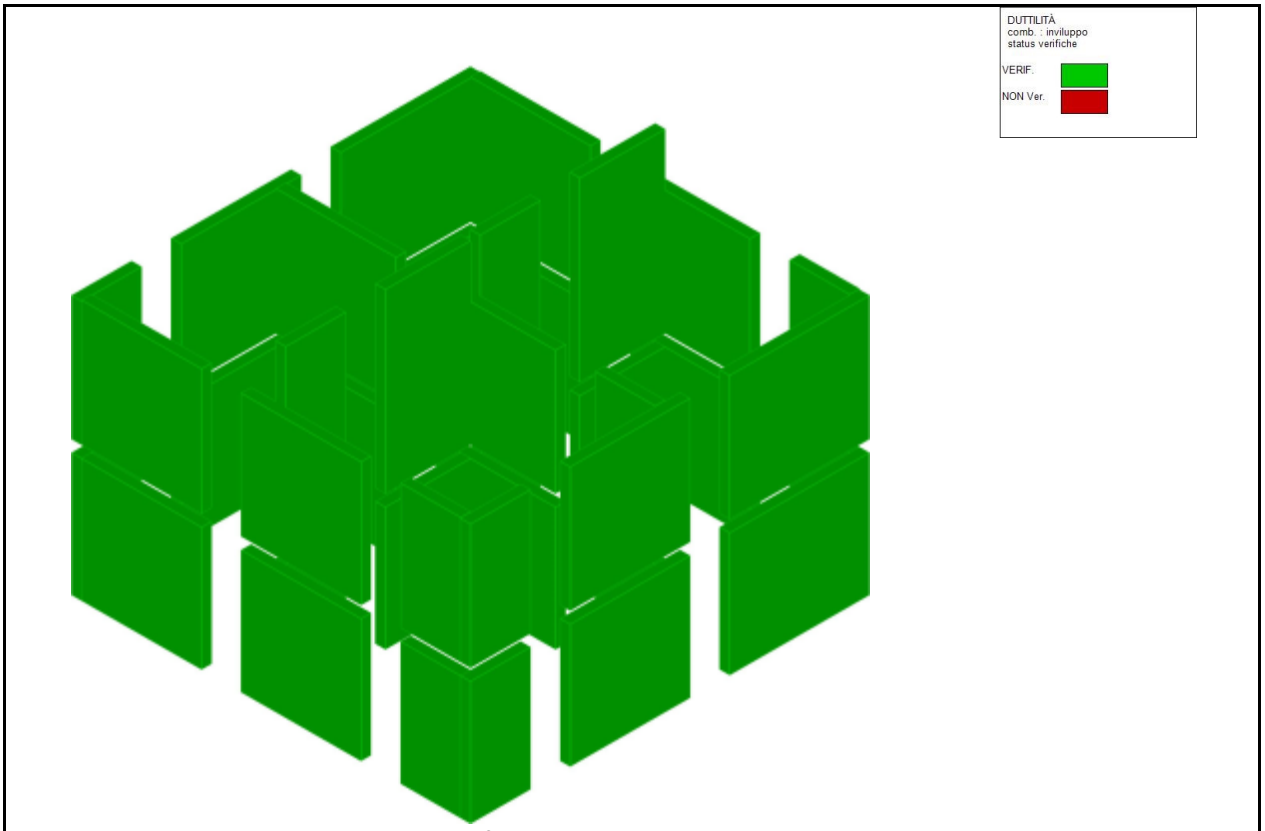
colormap verifica flessione - combinazione : inviluppo



colormap coeff. sicurezza verifica flessione - combinazione : inviluppo



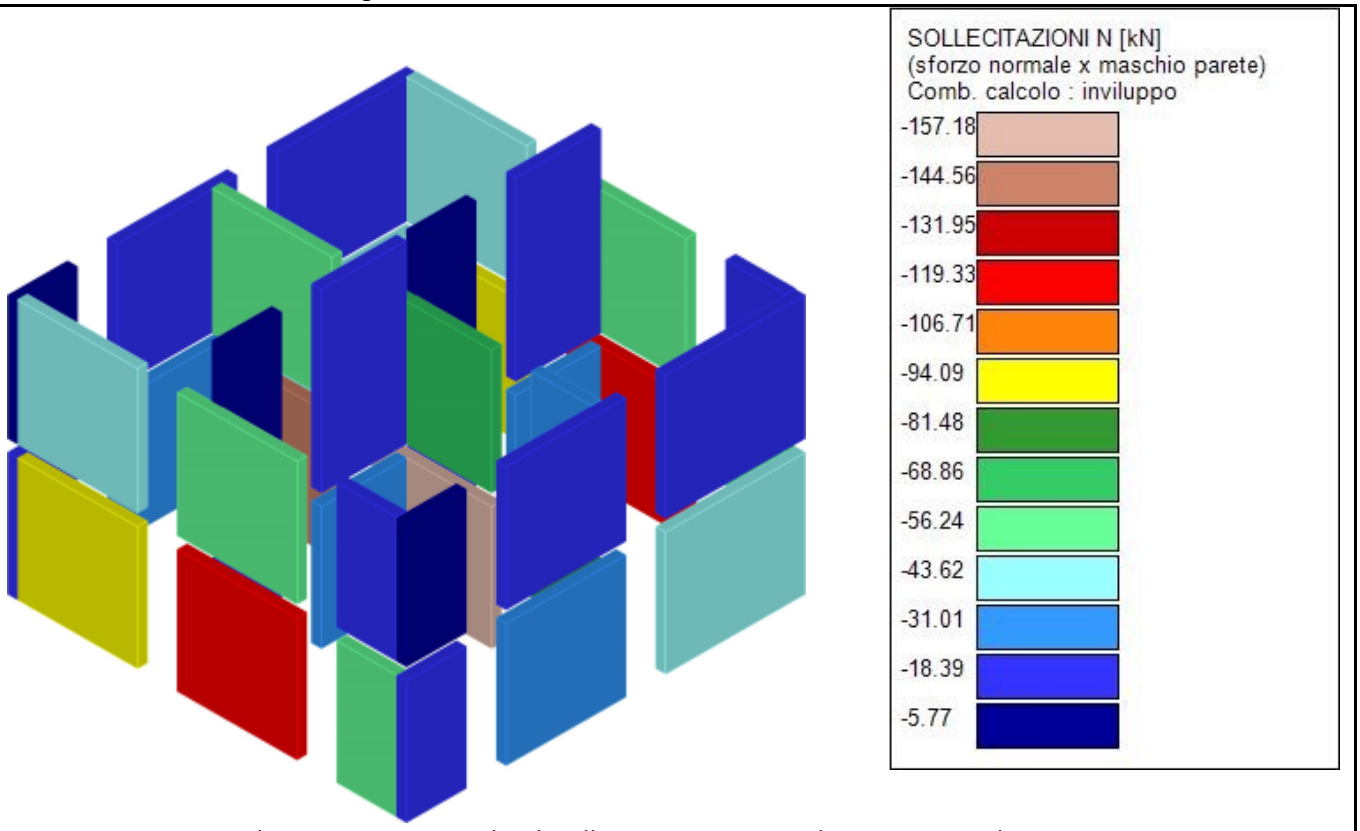
colormap verifica spostamentiSLD - combinazione : inviluppo



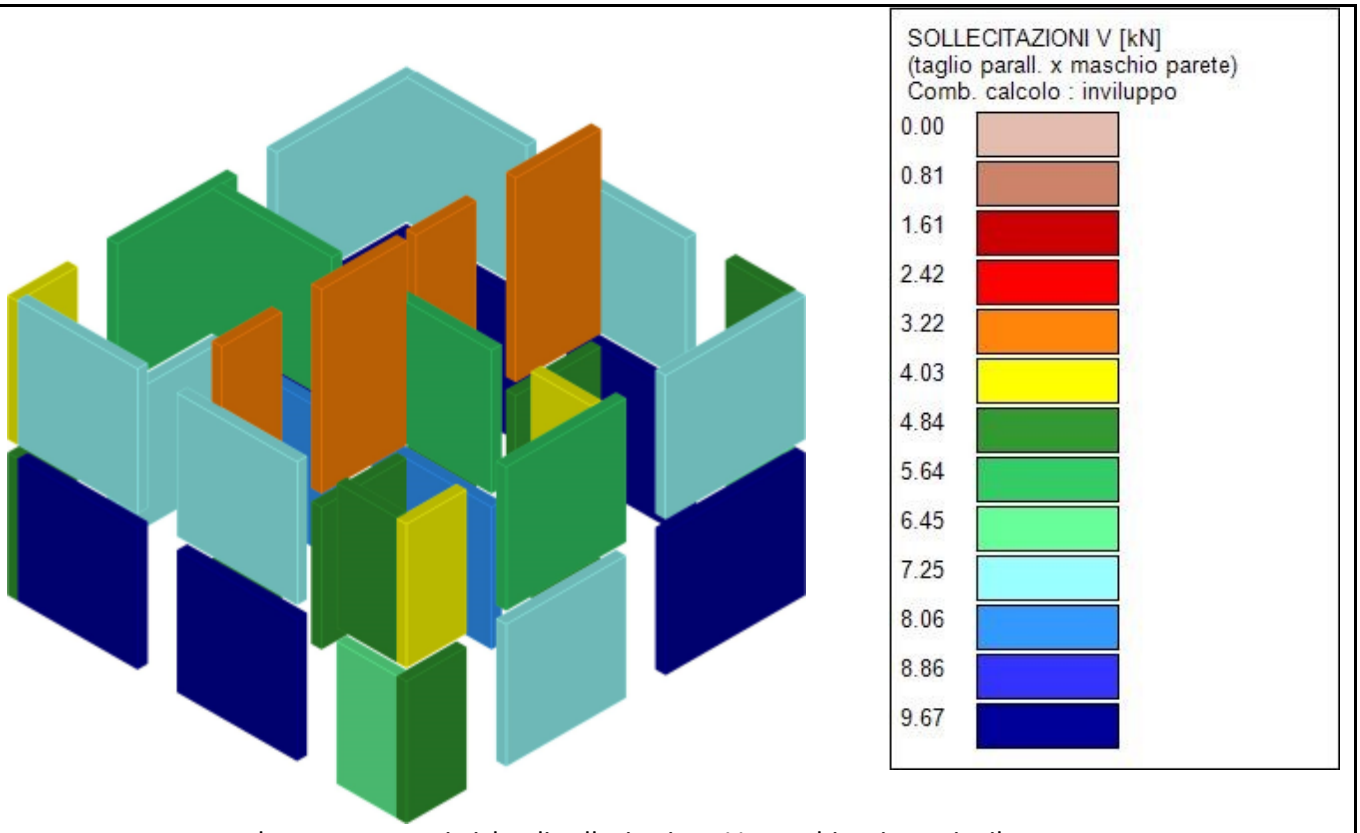
colormap verifica duttilita - combinazione : inviluppo

5.14 - PRINCIPALI CARATTERISTICHE DI SOLLECITAZIONE PARETI

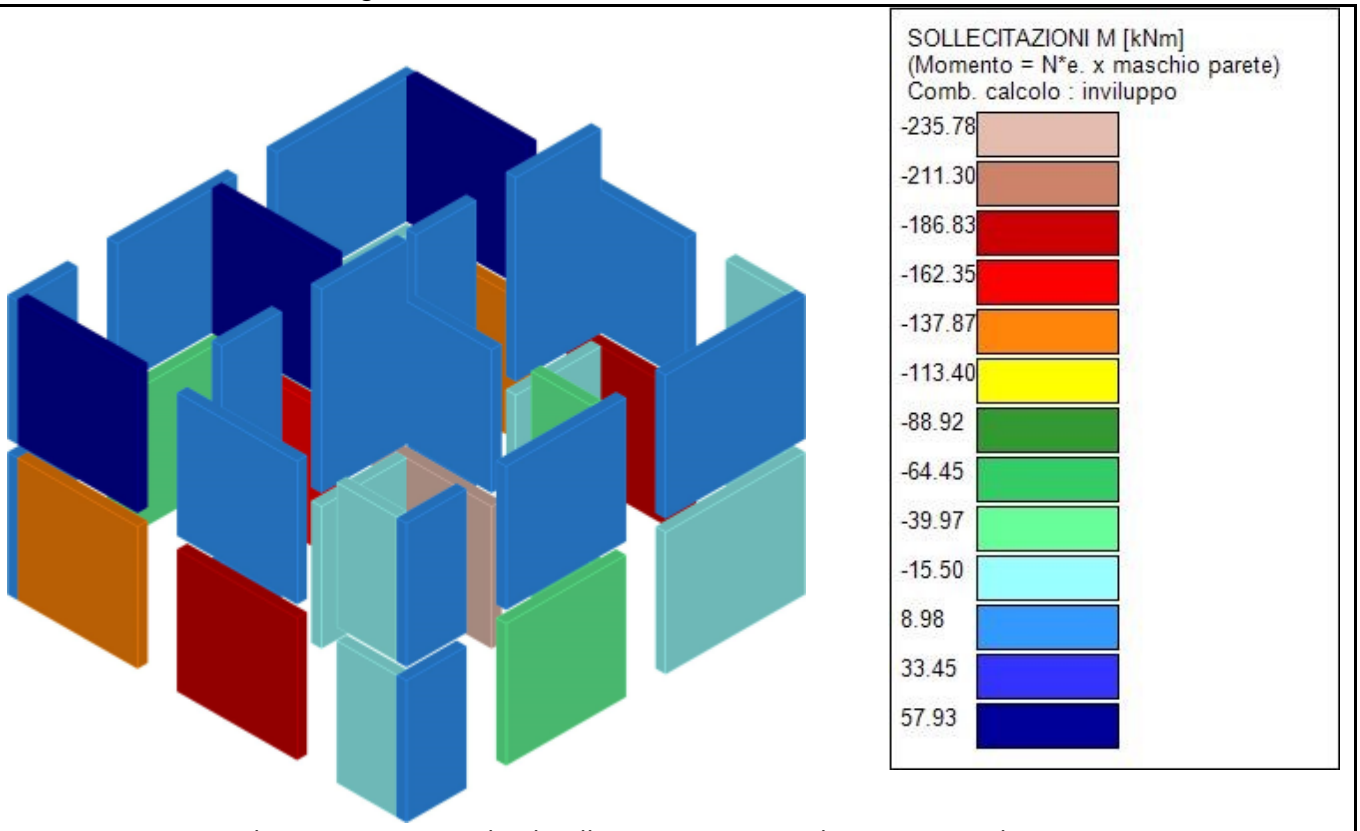
Si riportano di seguito le colormap delle principali caratteristiche di sollecitazioni delle pareti.



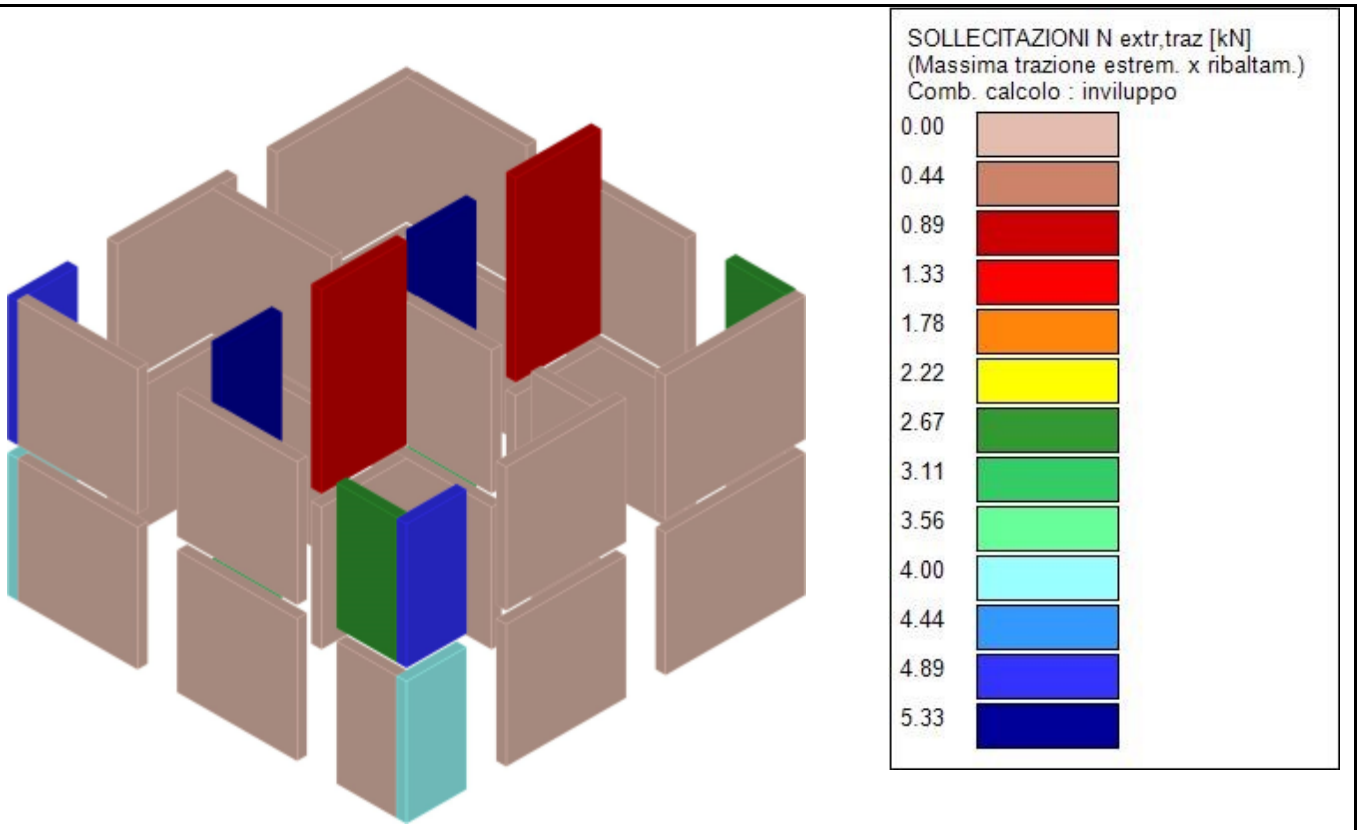
colormap caratteristiche di sollecitazione N - combinazione : inviluppo
(sforzo normale risultante sul singolo maschio parete)



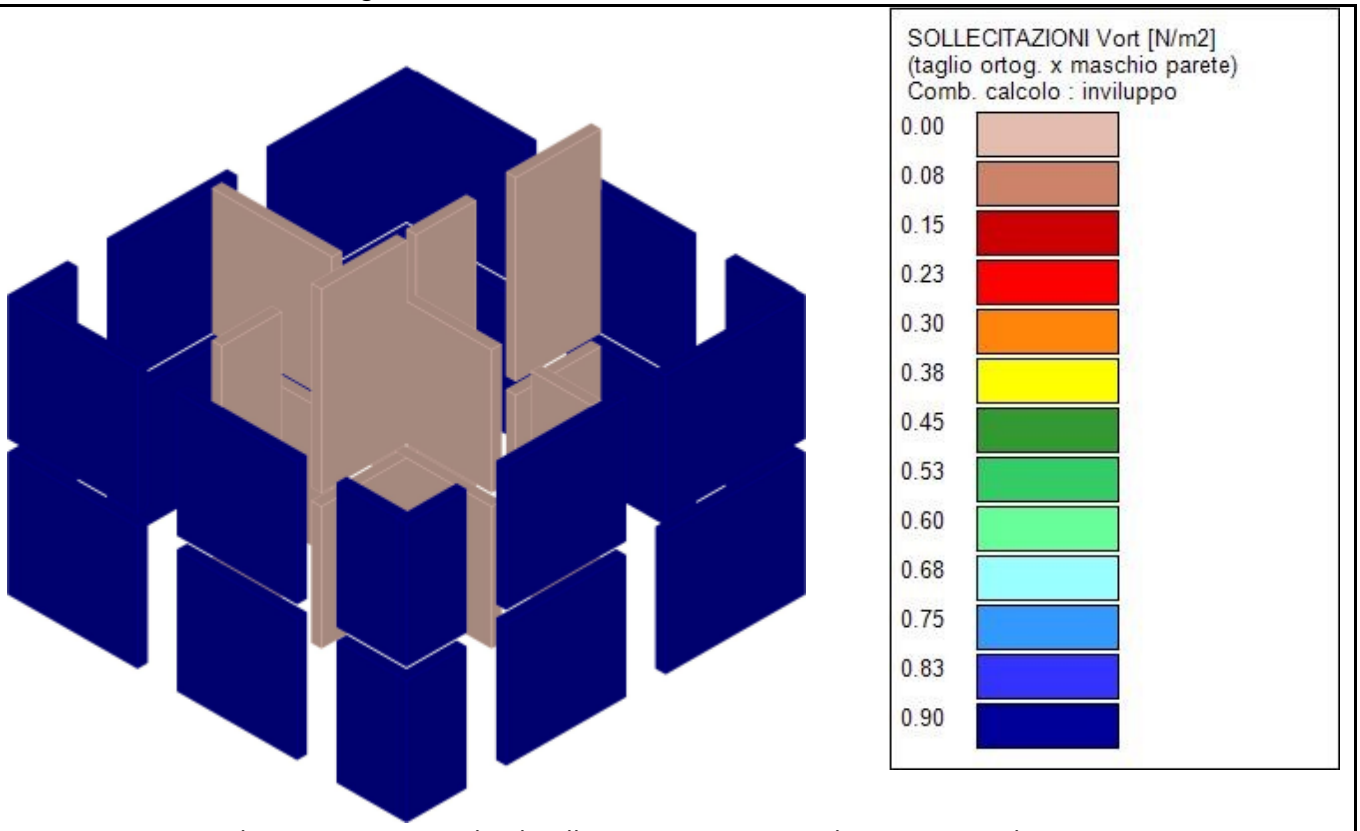
colormap caratteristiche di sollecitazione V - combinazione : inviluppo
(taglio parallelo risultante sul singolo maschio parete (sez. testa))



colormap caratteristiche di sollecitazione M - combinazione : inviluppo
(momento risultante sul singolo maschio parete (agente nel piano della parete))



colormap caratteristiche di sollecitazione N extr,traz - combinazione : inviluppo
(risultante di trazione all'estremità della parete per ribaltamento (solo se > 0))



colormap caratteristiche di sollecitazione Vort - combinazione : inviluppo
(taglio risultante agente ortogonalmente alla parete)