



Finanziato  
dall'Unione europea  
NextGenerationEU

Finanziamento dell'Unione europea - NextGenerationEU. Intervento finanziato con l'avviso n 48038 del 02/12/2021 del PNRR Missione 4: Istruzione e Ricerca Componente 1 - Potenziamento dell'offerta dei servizi di istruzione:dagli asili nido alla università Intervento 1.2 "Piano di estensione del tempo pieno e mense".

*I punti di vista e le opinioni espresse sono tuttavia solo quelli degli autori e non riflettono necessariamente quelli dell'Unione europea e della Commissione europea. Né l'Unione europea né la Commissione europea possono essere ritenute responsabili per essi.*



WeProject s.r.l.

Management for urban development

Via Valtellina, 6  
20159 Milano  
tel +39 02 48002752  
mobile +39 3666274380  
i.bresciani@weproject.it  
www.weproject.it

P. IVA 07077100969



COMMITTENTE

COMUNE DI PALOSCO  
Provincia di Bergamo

DESCRIZIONE

REALIZZAZIONE DELLA NUOVA MENSA A SERVIZIO  
DELLA SCUOLA PRIMARIA "SUOR VITAROSA ZORZA" E  
DELLA SCUOLA SECONDARIA DI I GRADO "F.LLI  
TERZI" - PALOSCO (BG)  
Progetto definitivo - esecutivo

DATA

Gennaio 2023

TAV. N.

S08

CONTENUTO TAVOLA

RELAZIONE SULLE FONDAZIONI

SCALA

...

RISERVATO AGLI UFFICI

IL COMMITTENTE

Comune di Palosco (BG)

I PROGETTISTI

Ing. Ilaria Bresciani

TEAM DI PROGETTAZIONE:

Ing. Matteo Bertoni

Ing. Marie Fiocco

Ing. Silvia Rossi

Ing. Zeudi Bergomi

Ing. Sergio Consolandi



## Relazione sulle fondazioni

### Origine e Caratteristiche dei Codici di Calcolo

Codice di calcolo:	PRO_SAP PROfessional Structural Analysis Program
Versione:	PROFESSIONAL (build 2022-10-198)
Produttore-Distributore:	2S.I. Software e Servizi per l'Ingegneria s.r.l. Via Garibaldi, 90 44121 Ferrara FE ( Italy) Tel. +39 0532 200091 www.2si.it
Codice Licenza:	Licenza dsi2049

### Descrizione

Progetto	
Ubicazione	Comune di PALOSCO (BG) (Regione LOMBARDIA)
	Località PALOSCO (BG)
	Longitudine 9.835, Latitudine 45.586
Progettista	

In merito al punto 10.2 delle Norme Tecniche per le Costruzioni (*Affidabilità dei codici utilizzati*), si fa riferimento al **Documento di Affidabilità** “Test di validazione del software di calcolo PRO\_SAP e dei moduli aggiuntivi PRO\_SAP Modulo Geotecnico, PRO\_CAD nodi acciaio e PRO\_MST” disponibile per il download sul sito: <https://www.2si.it/it/prodotti/affidabilita/>

# RISULTATI OPERE DI FONDAZIONE

## LEGENDA RISULTATI OPERE DI FONDAZIONE

Il controllo dei risultati delle analisi condotte, per quanto concerne le opere di fondazione, è possibile in relazione alle tabelle sotto riportate.

La tabella è riferita alle fondazioni tipo trave su suolo elastico.

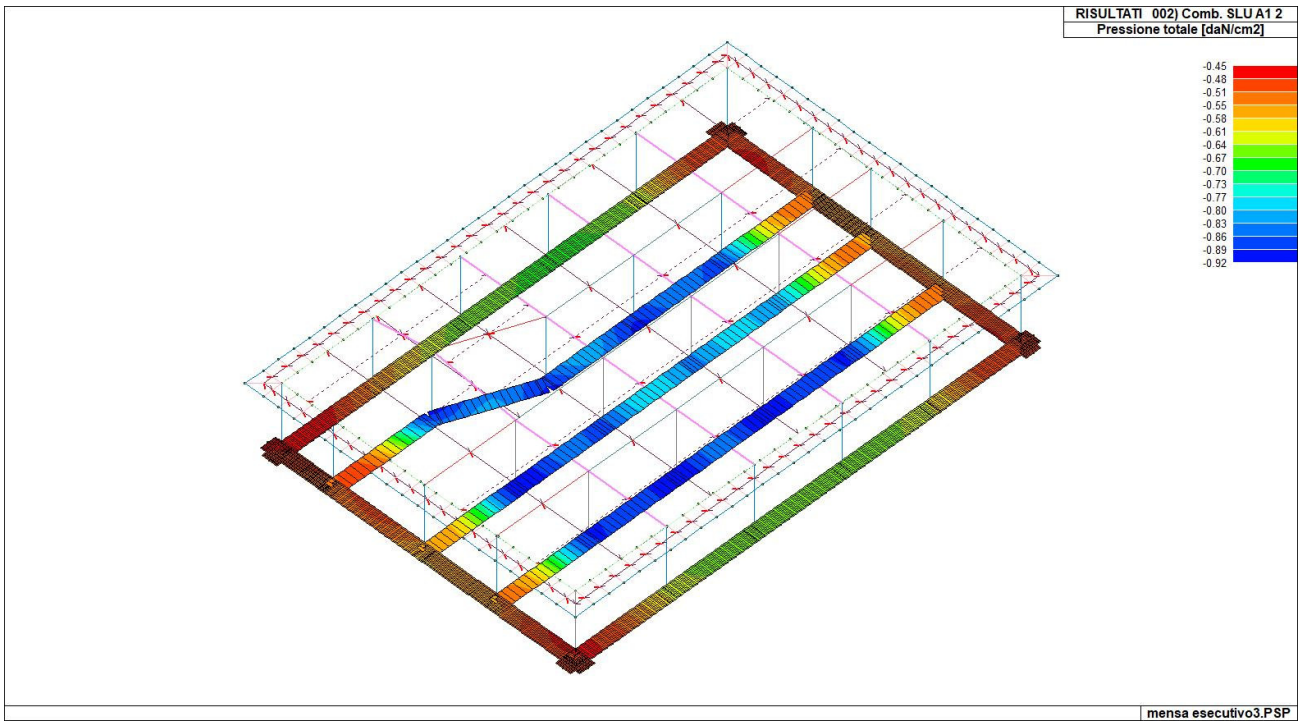
Per questo tipo di fondazione vengono riportate le pressioni alle estremità dell'elemento e la massima (in valore assoluto) pressione lungo lo sviluppo dell'elemento.

Vengono inoltre riportati, con funzione statistica, i valori massimo e minimo delle pressioni che compaiono nella tabella.

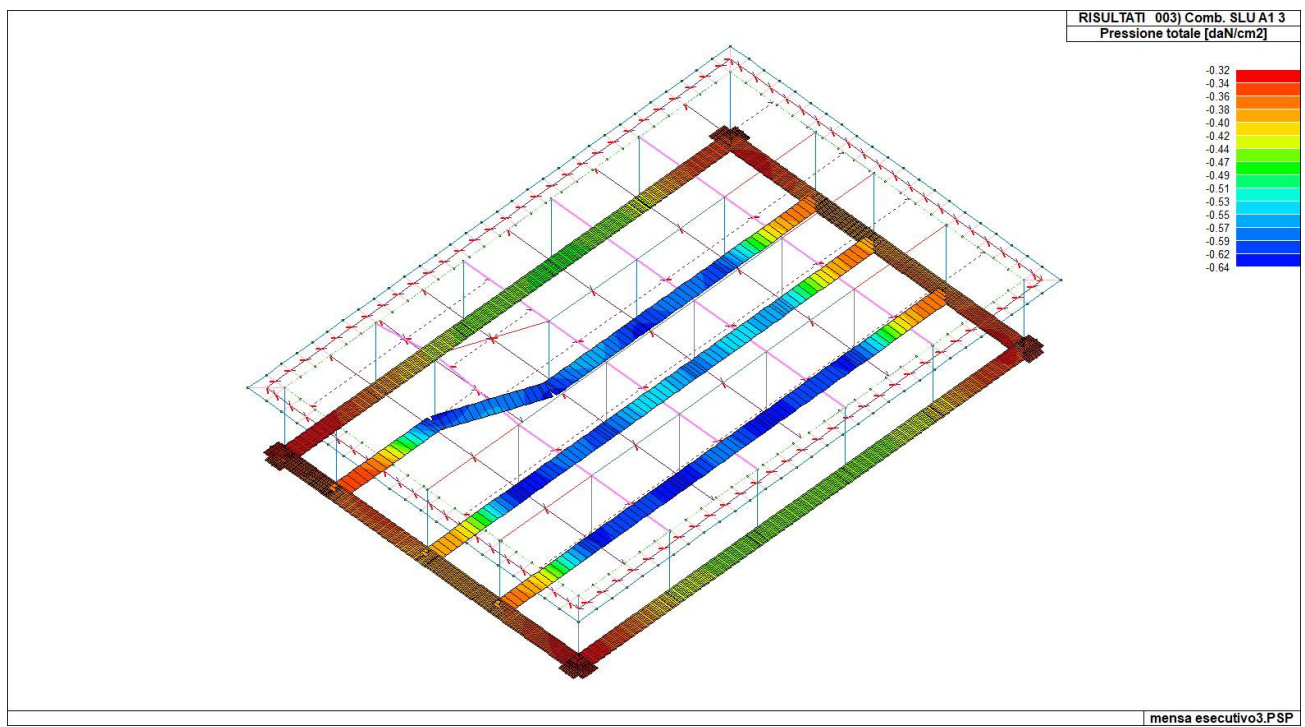
Elem.	Cmb	Pt ini daN/cm2	Pt fin daN/cm2	Pt max daN/cm2	Cmb	Pt ini daN/cm2	Pt fin daN/cm2	Pt max daN/cm2	Cmb	Pt ini daN/cm2	Pt fin daN/cm2	Pt max daN/cm2
64	2	-0.55	-0.54	-0.55	13	-0.53	-0.52	-0.53	45	-0.47	-0.46	-0.47
	70	-0.41	-0.41	-0.41	72	-0.40	-0.39	-0.40	74	-0.39	-0.39	-0.39
65	2	-0.58	-0.55	-0.58	17	-0.62	-0.58	-0.62	49	-0.53	-0.50	-0.53
	70	-0.44	-0.42	-0.44	72	-0.42	-0.40	-0.42	74	-0.41	-0.40	-0.41
66	2	-0.56	-0.57	-0.57	9	-0.60	-0.61	-0.61	41	-0.52	-0.52	-0.52
	70	-0.43	-0.43	-0.43	72	-0.41	-0.41	-0.41	74	-0.40	-0.41	-0.41
67	2	-0.49	-0.49	-0.49	29	-0.60	-0.51	-0.60	61	-0.48	-0.44	-0.48
	70	-0.37	-0.37	-0.37	72	-0.36	-0.36	-0.36	74	-0.35	-0.35	-0.35
68	2	-0.49	-0.48	-0.49	29	-0.63	-0.60	-0.63	61	-0.50	-0.48	-0.50
	70	-0.37	-0.37	-0.37	72	-0.35	-0.35	-0.35	74	-0.35	-0.35	-0.35
69	2	-0.61	-0.64	-0.64	29	-0.69	-0.71	-0.71	61	-0.57	-0.59	-0.59
	70	-0.46	-0.48	-0.48	72	-0.44	-0.46	-0.46	74	-0.43	-0.45	-0.45
70	2	-0.67	-0.66	-0.67	29	-0.79	-0.78	-0.79	61	-0.64	-0.63	-0.64
	70	-0.51	-0.50	-0.51	72	-0.48	-0.48	-0.48	74	-0.47	-0.47	-0.47
71	2	-0.67	-0.66	-0.67	21	-0.79	-0.76	-0.79	53	-0.64	-0.62	-0.64
	70	-0.51	-0.50	-0.51	72	-0.48	-0.48	-0.48	74	-0.47	-0.47	-0.47
72	2	-0.61	-0.57	-0.61	21	-0.68	-0.64	-0.68	53	-0.57	-0.53	-0.57
	70	-0.46	-0.43	-0.46	72	-0.44	-0.41	-0.44	74	-0.43	-0.40	-0.43
73	2	-0.50	-0.49	-0.50	21	-0.61	-0.51	-0.61	53	-0.49	-0.44	-0.49
	70	-0.38	-0.37	-0.38	72	-0.36	-0.36	-0.36	74	-0.35	-0.35	-0.35
74	2	-0.55	-0.55	-0.55	5	-0.60	-0.60	-0.60	37	-0.51	-0.51	-0.51
	70	-0.42	-0.42	-0.42	72	-0.40	-0.40	-0.40	74	-0.39	-0.40	-0.40
75	2	-0.57	-0.57	-0.57	13	-0.62	-0.62	-0.62	45	-0.53	-0.53	-0.53
	70	-0.44	-0.44	-0.44	72	-0.42	-0.42	-0.42	74	-0.41	-0.41	-0.41
76	2	-0.56	-0.52	-0.56	13	-0.59	-0.55	-0.59	45	-0.51	-0.47	-0.51
	70	-0.42	-0.40	-0.42	72	-0.41	-0.38	-0.41	74	-0.40	-0.37	-0.40
77	2	-0.63	-0.58	-0.63	21	-0.68	-0.63	-0.68	53	-0.57	-0.53	-0.57
	70	-0.48	-0.44	-0.48	72	-0.46	-0.42	-0.46	74	-0.45	-0.42	-0.45
78	2	-0.69	-0.69	-0.69	25	-0.80	-0.77	-0.80	57	-0.65	-0.64	-0.65
	70	-0.52	-0.52	-0.53	72	-0.50	-0.50	-0.50	74	-0.49	-0.49	-0.49
79	2	-0.66	-0.67	-0.67	33	-0.78	-0.79	-0.79	65	-0.63	-0.64	-0.64
	70	-0.50	-0.51	-0.51	72	-0.48	-0.48	-0.48	74	-0.47	-0.47	-0.47
80	2	-0.56	-0.59	-0.59	29	-0.66	-0.68	-0.68	61	-0.53	-0.55	-0.55
	70	-0.42	-0.44	-0.44	72	-0.40	-0.42	-0.42	74	-0.40	-0.42	-0.42
81	2	-0.49	-0.47	-0.49	33	-0.66	-0.61	-0.66	65	-0.52	-0.48	-0.52
	70	-0.37	-0.36	-0.37	72	-0.36	-0.34	-0.36	74	-0.35	-0.34	-0.35
82	2	-0.53	-0.90	-0.90	29	-0.44	-1.08	-1.08	61	-0.41	-0.87	-0.87
	70	-0.40	-0.68	-0.68	72	-0.39	-0.65	-0.65	74	-0.38	-0.64	-0.64
83	2	-0.91	-0.90	-0.91	33	-1.08	-1.28	-1.28	65	-0.87	-0.98	-0.98
	70	-0.69	-0.69	-0.69	72	-0.66	-0.66	-0.66	74	-0.65	-0.64	-0.65
84	2	-0.90	-0.90	-0.90	33	-1.28	-0.94	-1.28	65	-0.98	-0.80	-0.98
	70	-0.69	-0.69	-0.69	72	-0.66	-0.66	-0.66	74	-0.64	-0.64	-0.64
85	2	-0.90	-0.87	-0.90	21	-0.95	-0.84	-0.95	53	-0.81	-0.73	-0.81
	70	-0.69	-0.66	-0.69	72	-0.66	-0.63	-0.66	74	-0.64	-0.62	-0.64
86	2	-0.87	-0.55	-0.87	21	-0.84	-0.51	-0.84	53	-0.73	-0.46	-0.73
	70	-0.66	-0.42	-0.66	72	-0.63	-0.40	-0.63	74	-0.62	-0.40	-0.62
87	2	-0.81	-0.56	-0.81	21	-0.79	-0.47	-0.79	53	-0.69	-0.44	-0.69
	70	-0.61	-0.43	-0.61	72	-0.59	-0.41	-0.59	74	-0.58	-0.40	-0.58
88	2	-0.84	-0.81	-0.84	21	-0.90	-0.79	-0.90	53	-0.76	-0.69	-0.76
	70	-0.63	-0.61	-0.63	72	-0.61	-0.59	-0.61	74	-0.60	-0.58	-0.60
89	2	-0.87	-0.84	-0.87	29	-0.93	-0.89	-0.93	61	-0.78	-0.75	-0.78
	70	-0.66	-0.63	-0.66	72	-0.63	-0.61	-0.63	74	-0.62	-0.60	-0.62
90	2	-0.91	-0.87	-0.92	29	-0.86	-0.93	-0.93	61	-0.76	-0.78	-0.78
	70	-0.69	-0.66	-0.70	72	-0.66	-0.63	-0.67	74	-0.65	-0.62	-0.65
91	2	-0.57	-0.91	-0.91	29	-0.47	-0.86	-0.86	61	-0.44	-0.76	-0.76
	70	-0.43	-0.69	-0.69	72	-0.42	-0.66	-0.66	74	-0.41	-0.65	-0.65
92	2	-0.56	-0.89	-0.89	29	-0.48	-0.85	-0.85	61	-0.44	-0.75	-0.75
	70	-0.42	-0.67	-0.67	72	-0.40	-0.64	-0.64	74	-0.40	-0.63	-0.63
93	2	-0.89	-0.92	-0.92	29	-0.85	-0.97	-0.97	61	-0.75	-0.82	-0.82
	70	-0.67	-0.70	-0.70	72	-0.64	-0.67	-0.67	74	-0.63	-0.66	-0.66

94	2	-0.92	-0.92	-0.92	29	-0.97	-0.95	-0.97	61	-0.82	-0.81	-0.82
	70	-0.70	-0.70	-0.70	72	-0.67	-0.67	-0.67	74	-0.66	-0.66	-0.66
95	2	-0.92	-0.89	-0.92	21	-0.96	-0.84	-0.96	53	-0.82	-0.74	-0.82
	70	-0.70	-0.67	-0.70	72	-0.67	-0.64	-0.67	74	-0.66	-0.63	-0.66
96	2	-0.89	-0.54	-0.89	21	-0.84	-0.47	-0.84	53	-0.74	-0.43	-0.74
	70	-0.67	-0.41	-0.67	72	-0.64	-0.40	-0.64	74	-0.63	-0.39	-0.63
97	2	-0.51	-0.49	-0.51	33	-0.71	-0.66	-0.71	65	-0.55	-0.52	-0.55
	70	-0.38	-0.37	-0.38	72	-0.37	-0.36	-0.37	74	-0.36	-0.35	-0.36
98	2	-0.49	-0.48	-0.49	33	-0.62	-0.72	-0.72	65	-0.50	-0.54	-0.54
	70	-0.37	-0.36	-0.37	72	-0.36	-0.35	-0.36	74	-0.35	-0.34	-0.35
99	2	-0.49	-0.49	-0.49	29	-0.68	-0.60	-0.68	61	-0.52	-0.48	-0.52
	70	-0.37	-0.37	-0.37	72	-0.36	-0.36	-0.36	74	-0.35	-0.35	-0.35
100	2	-0.50	-0.50	-0.50	21	-0.69	-0.61	-0.69	53	-0.53	-0.49	-0.53
	70	-0.38	-0.38	-0.38	72	-0.36	-0.36	-0.36	74	-0.36	-0.35	-0.36
101	2	-0.49	-0.50	-0.50	21	-0.64	-0.68	-0.68	53	-0.50	-0.53	-0.53
	70	-0.37	-0.38	-0.38	72	-0.36	-0.36	-0.36	74	-0.35	-0.36	-0.36
102	2	-0.49	-0.49	-0.49	29	-0.67	-0.63	-0.67	61	-0.52	-0.50	-0.52
	70	-0.37	-0.37	-0.37	72	-0.36	-0.35	-0.36	74	-0.35	-0.35	-0.35
103	2	-0.50	-0.51	-0.51	25	-0.59	-0.63	-0.63	57	-0.48	-0.51	-0.51
	70	-0.38	-0.39	-0.39	72	-0.36	-0.37	-0.37	74	-0.36	-0.36	-0.36
104	2	-0.50	-0.51	-0.51	25	-0.57	-0.65	-0.65	57	-0.47	-0.51	-0.51
	70	-0.38	-0.39	-0.39	72	-0.36	-0.37	-0.37	74	-0.36	-0.36	-0.36
327	2	-0.51	-0.49	-0.51	33	-0.55	-0.62	-0.62	65	-0.46	-0.50	-0.50
	70	-0.39	-0.37	-0.39	72	-0.37	-0.36	-0.37	74	-0.36	-0.35	-0.36
328	2	-0.53	-0.55	-0.55	17	-0.54	-0.52	-0.54	49	-0.47	-0.47	-0.47
	70	-0.40	-0.41	-0.41	72	-0.39	-0.40	-0.40	74	-0.38	-0.39	-0.39
329	2	-0.58	-0.58	-0.58	17	-0.62	-0.62	-0.62	49	-0.53	-0.53	-0.53
	70	-0.44	-0.44	-0.44	72	-0.42	-0.42	-0.42	74	-0.41	-0.41	-0.42
330	2	-0.53	-0.56	-0.56	9	-0.57	-0.60	-0.60	41	-0.49	-0.52	-0.52
	70	-0.40	-0.43	-0.43	72	-0.39	-0.41	-0.41	74	-0.38	-0.40	-0.40
331	2	-0.48	-0.51	-0.51	29	-0.60	-0.60	-0.60	61	-0.48	-0.49	-0.49
	70	-0.37	-0.39	-0.39	72	-0.35	-0.37	-0.37	74	-0.35	-0.37	-0.37
332	2	-0.64	-0.65	-0.65	29	-0.71	-0.72	-0.72	61	-0.59	-0.60	-0.60
	70	-0.48	-0.49	-0.49	72	-0.46	-0.47	-0.47	74	-0.45	-0.46	-0.46
333	2	-0.66	-0.66	-0.66	29	-0.78	-0.77	-0.78	61	-0.63	-0.63	-0.63
	70	-0.50	-0.50	-0.50	72	-0.48	-0.47	-0.48	74	-0.47	-0.46	-0.47
334	2	-0.66	-0.65	-0.66	21	-0.76	-0.72	-0.76	53	-0.62	-0.60	-0.62
	70	-0.50	-0.49	-0.50	72	-0.48	-0.47	-0.48	74	-0.47	-0.46	-0.47
335	2	-0.57	-0.52	-0.57	21	-0.64	-0.61	-0.64	53	-0.53	-0.49	-0.53
	70	-0.43	-0.39	-0.43	72	-0.41	-0.38	-0.41	74	-0.40	-0.37	-0.40
336	2	-0.49	-0.50	-0.50	5	-0.52	-0.53	-0.53	37	-0.44	-0.46	-0.46
	70	-0.37	-0.38	-0.38	72	-0.36	-0.37	-0.37	74	-0.35	-0.36	-0.36
337	2	-0.55	-0.55	-0.55	5	-0.60	-0.59	-0.60	37	-0.51	-0.51	-0.51
	70	-0.42	-0.42	-0.42	72	-0.40	-0.40	-0.40	74	-0.40	-0.40	-0.40
338	2	-0.57	-0.57	-0.57	13	-0.62	-0.61	-0.62	45	-0.53	-0.53	-0.53
	70	-0.44	-0.43	-0.44	72	-0.42	-0.42	-0.42	74	-0.41	-0.41	-0.41
339	2	-0.52	-0.49	-0.52	13	-0.55	-0.50	-0.55	45	-0.47	-0.44	-0.47
	70	-0.40	-0.37	-0.40	72	-0.38	-0.36	-0.38	74	-0.37	-0.35	-0.37
340	2	-0.50	-0.50	-0.50	25	-0.57	-0.59	-0.59	57	-0.47	-0.48	-0.48
	70	-0.38	-0.38	-0.38	72	-0.36	-0.36	-0.36	74	-0.35	-0.36	-0.36
341	2	-0.66	-0.63	-0.66	21	-0.71	-0.68	-0.71	53	-0.60	-0.57	-0.60
	70	-0.50	-0.48	-0.50	72	-0.48	-0.46	-0.48	74	-0.47	-0.45	-0.47
342	2	-0.68	-0.69	-0.69	25	-0.80	-0.80	-0.80	57	-0.65	-0.65	-0.65
	70	-0.52	-0.52	-0.52	72	-0.49	-0.50	-0.50	74	-0.48	-0.49	-0.49
343	2	-0.64	-0.66	-0.66	33	-0.74	-0.78	-0.78	65	-0.61	-0.63	-0.63
	70	-0.49	-0.50	-0.50	72	-0.46	-0.48	-0.48	74	-0.45	-0.47	-0.47
344	2	-0.47	-0.48	-0.48	33	-0.61	-0.60	-0.61	65	-0.48	-0.48	-0.48
	70	-0.36	-0.36	-0.36	72	-0.34	-0.35	-0.35	74	-0.34	-0.34	-0.34
353	2	-0.52	-0.51	-0.52	33	-0.49	-0.55	-0.55	65	-0.44	-0.46	-0.46
	70	-0.40	-0.39	-0.40	72	-0.38	-0.37	-0.38	74	-0.38	-0.36	-0.38
354	2	-0.53	-0.53	-0.53	17	-0.55	-0.54	-0.55	49	-0.48	-0.47	-0.48
	70	-0.40	-0.40	-0.40	72	-0.39	-0.39	-0.39	74	-0.38	-0.38	-0.38
355	2	-0.57	-0.58	-0.58	17	-0.61	-0.62	-0.62	49	-0.52	-0.53	-0.53
	70	-0.43	-0.44	-0.44	72	-0.42	-0.42	-0.42	74	-0.41	-0.41	-0.41
356	2	-0.50	-0.53	-0.53	9	-0.53	-0.57	-0.57	41	-0.46	-0.49	-0.49
	70	-0.38	-0.40	-0.40	72	-0.36	-0.39	-0.39	74	-0.36	-0.38	-0.38
357	2	-0.53	-0.50	-0.53	21	-0.58	-0.57	-0.58	53	-0.49	-0.47	-0.49
	70	-0.40	-0.38	-0.40	72	-0.38	-0.36	-0.38	74	-0.38	-0.35	-0.38
358	2	-0.67	-0.66	-0.67	21	-0.73	-0.71	-0.73	53	-0.61	-0.60	-0.61
	70	-0.51	-0.50	-0.51	72	-0.49	-0.48	-0.49	74	-0.48	-0.47	-0.48
359	2	-0.67	-0.68	-0.68	25	-0.78	-0.80	-0.80	57	-0.64	-0.65	-0.65
	70	-0.51	-0.52	-0.52	72	-0.48	-0.49	-0.49	74	-0.47	-0.48	-0.48
360	2	-0.61	-0.64	-0.64	29	-0.70	-0.74	-0.74	61	-0.57	-0.61	-0.61
	70	-0.46	-0.49	-0.49	72	-0.44	-0.46	-0.46	74	-0.43	-0.45	-0.45
361	2	-0.51	-0.57	-0.57	29	-0.60	-0.64	-0.64	61	-0.49	-0.53	-0.53
	70	-0.39	-0.43	-0.43	72	-0.37	-0.41	-0.41	74	-0.37	-0.40	-0.40
362	2	-0.65	-0.66	-0.66	29	-0.72	-0.76	-0.76	61	-0.60	-0.62	-0.62

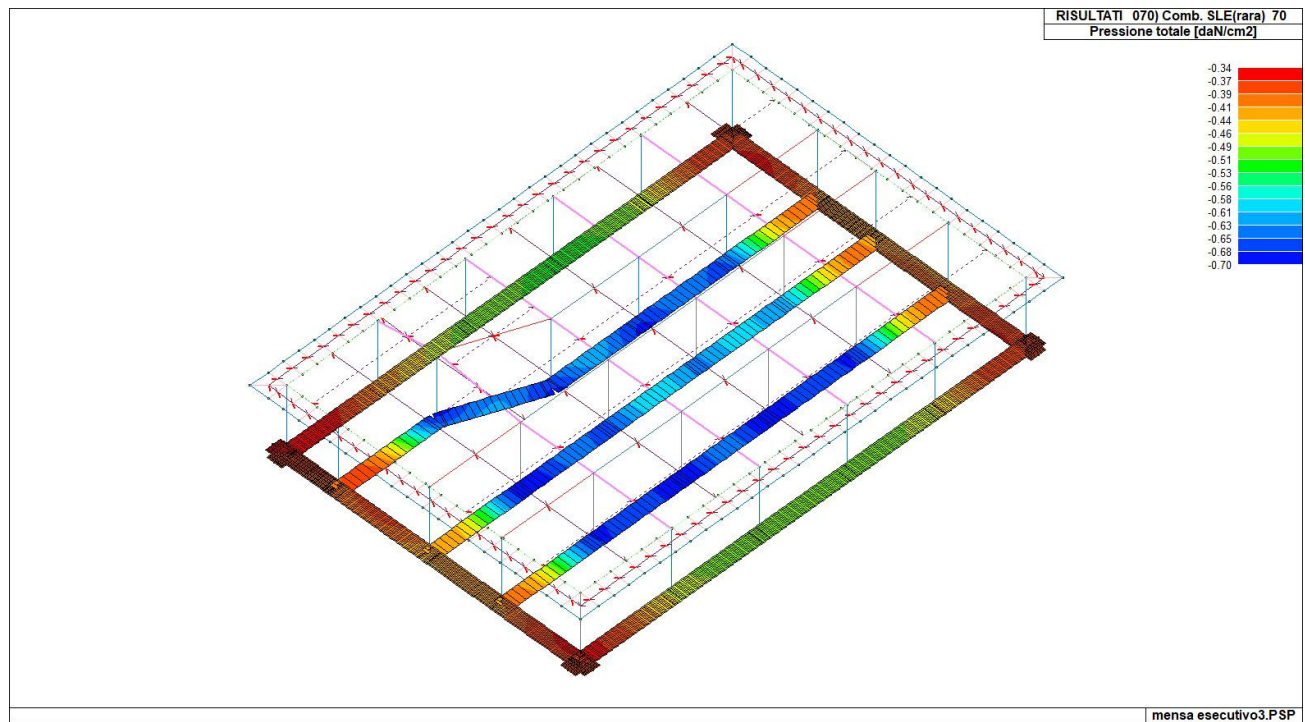
	70	-0.49	-0.50	-0.50	72	-0.47	-0.48	-0.48	74	-0.46	-0.47	-0.47
363	2	-0.66	-0.66	-0.66	21	-0.77	-0.78	-0.78	53	-0.63	-0.63	-0.63
	70	-0.50	-0.50	-0.50	72	-0.47	-0.48	-0.48	74	-0.46	-0.47	-0.47
364	2	-0.65	-0.64	-0.65	21	-0.72	-0.70	-0.72	53	-0.60	-0.59	-0.60
	70	-0.49	-0.48	-0.49	72	-0.47	-0.46	-0.47	74	-0.46	-0.45	-0.46
365	2	-0.52	-0.49	-0.52	21	-0.61	-0.60	-0.61	53	-0.49	-0.48	-0.49
	70	-0.39	-0.37	-0.39	72	-0.38	-0.35	-0.38	74	-0.37	-0.35	-0.37
366	2	-0.50	-0.53	-0.53	5	-0.53	-0.57	-0.57	37	-0.46	-0.49	-0.49
	70	-0.38	-0.40	-0.40	72	-0.37	-0.38	-0.38	74	-0.36	-0.38	-0.38
367	2	-0.55	-0.56	-0.56	13	-0.60	-0.61	-0.61	45	-0.51	-0.52	-0.52
	70	-0.42	-0.43	-0.43	72	-0.40	-0.41	-0.41	74	-0.40	-0.40	-0.40
368	2	-0.57	-0.57	-0.57	13	-0.61	-0.60	-0.61	45	-0.53	-0.52	-0.53
	70	-0.43	-0.43	-0.43	72	-0.42	-0.41	-0.42	74	-0.41	-0.41	-0.41
369	2	-0.49	-0.49	-0.49	25	-0.49	-0.50	-0.50	45	-0.44	-0.42	-0.44
	70	-0.37	-0.37	-0.37	72	-0.36	-0.35	-0.36	74	-0.35	-0.35	-0.35
370	2	-0.48	-0.52	-0.52	29	-0.60	-0.62	-0.62	61	-0.48	-0.50	-0.50
	70	-0.36	-0.39	-0.39	72	-0.35	-0.38	-0.38	74	-0.34	-0.37	-0.37
371	2	-0.54	-0.52	-0.54	17	-0.52	-0.51	-0.52	49	-0.46	-0.45	-0.46
	70	-0.41	-0.40	-0.41	72	-0.39	-0.38	-0.39	74	-0.39	-0.38	-0.39
372	2	-0.55	-0.53	-0.55	17	-0.58	-0.55	-0.58	49	-0.50	-0.48	-0.50
	70	-0.42	-0.40	-0.42	72	-0.40	-0.39	-0.40	74	-0.40	-0.38	-0.40
373	2	-0.57	-0.57	-0.57	9	-0.61	-0.61	-0.61	41	-0.52	-0.52	-0.52
	70	-0.43	-0.43	-0.43	72	-0.41	-0.42	-0.42	74	-0.41	-0.41	-0.41
374	2	-0.49	-0.50	-0.50	9	-0.52	-0.53	-0.53	41	-0.44	-0.46	-0.46
	70	-0.37	-0.38	-0.38	72	-0.36	-0.36	-0.36	74	-0.35	-0.36	-0.36
375	2	-0.58	-0.53	-0.58	21	-0.63	-0.58	-0.63	53	-0.53	-0.49	-0.53
	70	-0.44	-0.40	-0.44	72	-0.42	-0.38	-0.42	74	-0.42	-0.38	-0.42
376	2	-0.69	-0.67	-0.69	21	-0.77	-0.73	-0.77	53	-0.64	-0.61	-0.64
	70	-0.52	-0.51	-0.52	72	-0.50	-0.49	-0.50	74	-0.49	-0.48	-0.49
377	2	-0.67	-0.67	-0.67	33	-0.79	-0.78	-0.79	65	-0.64	-0.64	-0.64
	70	-0.51	-0.51	-0.51	72	-0.48	-0.48	-0.48	74	-0.47	-0.47	-0.47
378	2	-0.59	-0.61	-0.61	29	-0.68	-0.70	-0.70	61	-0.55	-0.57	-0.57
	70	-0.44	-0.46	-0.46	72	-0.42	-0.44	-0.44	74	-0.42	-0.43	-0.43
379	2	-0.57	-0.61	-0.61	29	-0.64	-0.69	-0.69	61	-0.53	-0.57	-0.57
	70	-0.43	-0.46	-0.46	72	-0.41	-0.44	-0.44	74	-0.40	-0.43	-0.43
380	2	-0.66	-0.67	-0.67	29	-0.76	-0.79	-0.79	61	-0.62	-0.64	-0.64
	70	-0.50	-0.51	-0.51	72	-0.48	-0.48	-0.48	74	-0.47	-0.47	-0.47
381	2	-0.66	-0.67	-0.67	21	-0.78	-0.79	-0.79	53	-0.63	-0.64	-0.64
	70	-0.50	-0.51	-0.51	72	-0.48	-0.48	-0.48	74	-0.47	-0.47	-0.47
382	2	-0.64	-0.61	-0.64	21	-0.70	-0.68	-0.70	53	-0.59	-0.57	-0.59
	70	-0.48	-0.46	-0.48	72	-0.46	-0.44	-0.46	74	-0.45	-0.43	-0.45
383	2	-0.49	-0.49	-0.49	21	-0.60	-0.64	-0.64	53	-0.48	-0.50	-0.50
	70	-0.37	-0.37	-0.37	72	-0.35	-0.36	-0.36	74	-0.35	-0.35	-0.35
384	2	-0.53	-0.55	-0.55	5	-0.57	-0.60	-0.60	37	-0.49	-0.51	-0.51
	70	-0.40	-0.42	-0.42	72	-0.38	-0.40	-0.40	74	-0.38	-0.39	-0.39
385	2	-0.56	-0.57	-0.57	17	-0.61	-0.62	-0.62	49	-0.52	-0.53	-0.53
	70	-0.43	-0.44	-0.44	72	-0.41	-0.42	-0.42	74	-0.40	-0.41	-0.41
386	2	-0.57	-0.56	-0.57	13	-0.60	-0.59	-0.60	45	-0.52	-0.51	-0.52
	70	-0.43	-0.42	-0.43	72	-0.41	-0.41	-0.41	74	-0.41	-0.40	-0.41
387	2	-0.49	-0.50	-0.50	25	-0.50	-0.57	-0.57	57	-0.43	-0.47	-0.47
	70	-0.37	-0.38	-0.38	72	-0.35	-0.36	-0.36	74	-0.35	-0.36	-0.36
388	2	-0.52	-0.56	-0.56	29	-0.62	-0.66	-0.66	61	-0.50	-0.53	-0.53
	70	-0.39	-0.42	-0.42	72	-0.38	-0.40	-0.40	74	-0.37	-0.40	-0.40
<b>Elem.</b>		<b>Pt ini</b> -1.28 -0.34	<b>Pt fin</b>	<b>Pt max</b>		<b>Pt ini</b>	<b>Pt fin</b>	<b>Pt max</b>		<b>Pt ini</b>	<b>Pt fin</b>	<b>Pt max</b>



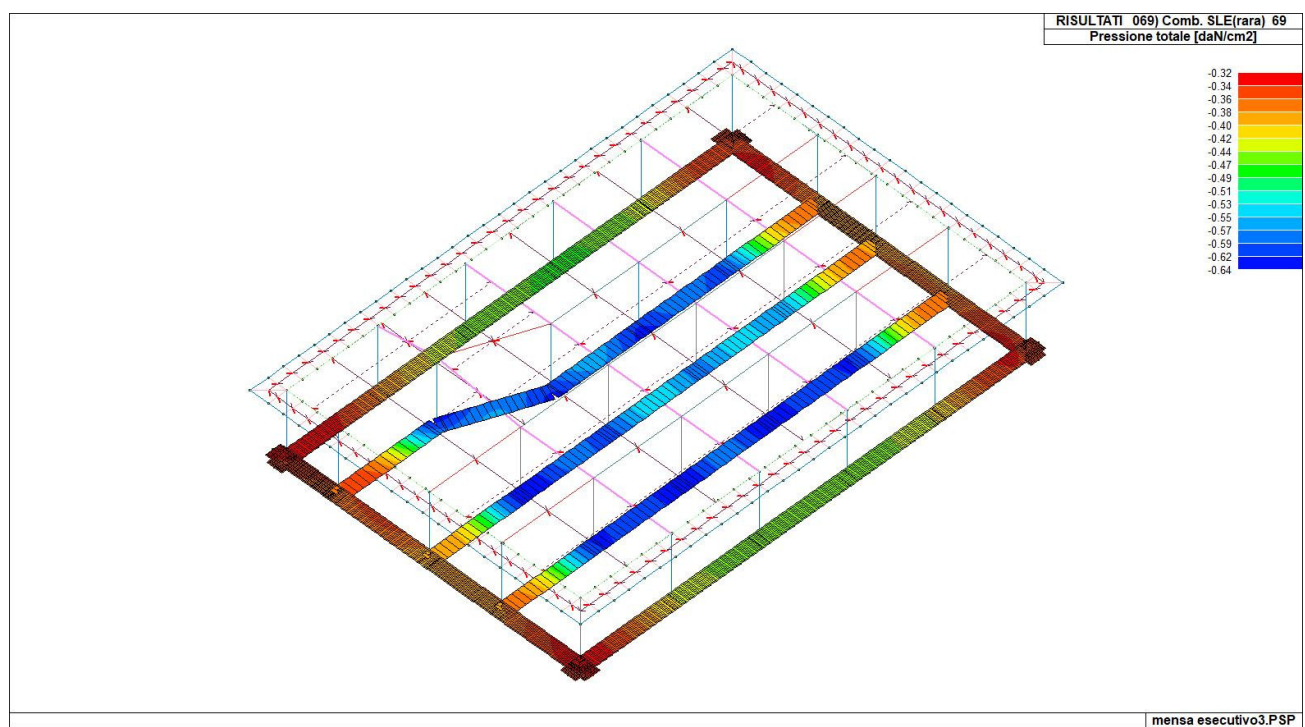
46\_RIS\_PRESSIONI\_002\_Comb. SLU A1 2



46\_RIS\_PRESSIONI\_003\_Comb. SLU A1 3

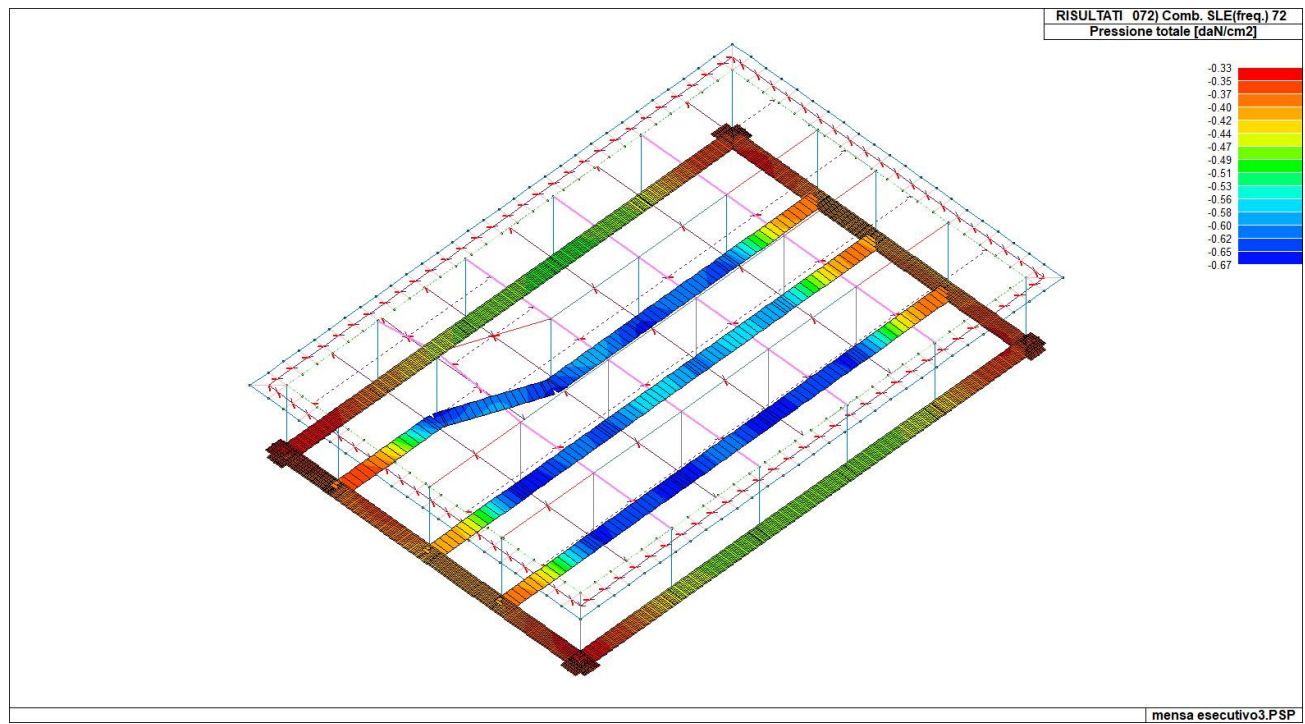


46\_RIS\_PRESSIONI\_070\_Comb. SLE(rara) 70

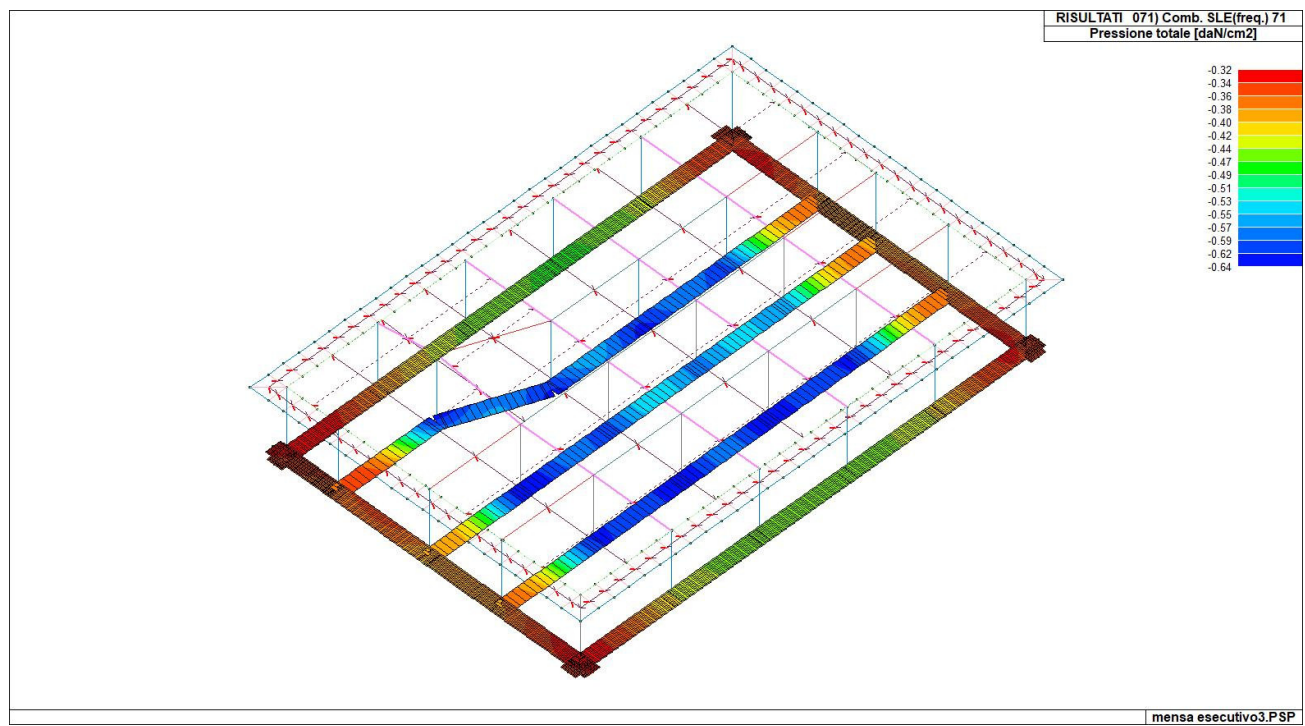


46\_RIS\_PRESSIONI\_069\_Comb. SLE(rara) 69



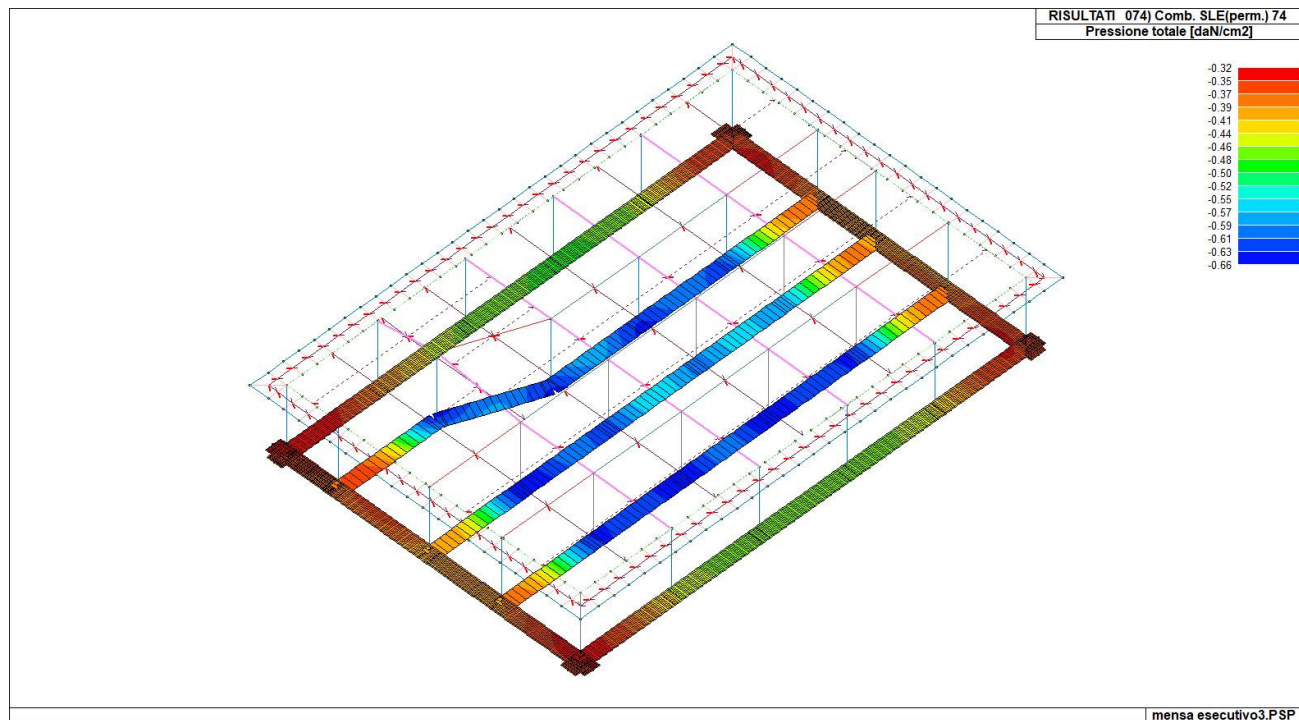


46\_RIS\_PRESSIONI\_072\_Comb. SLE(freq.) 72

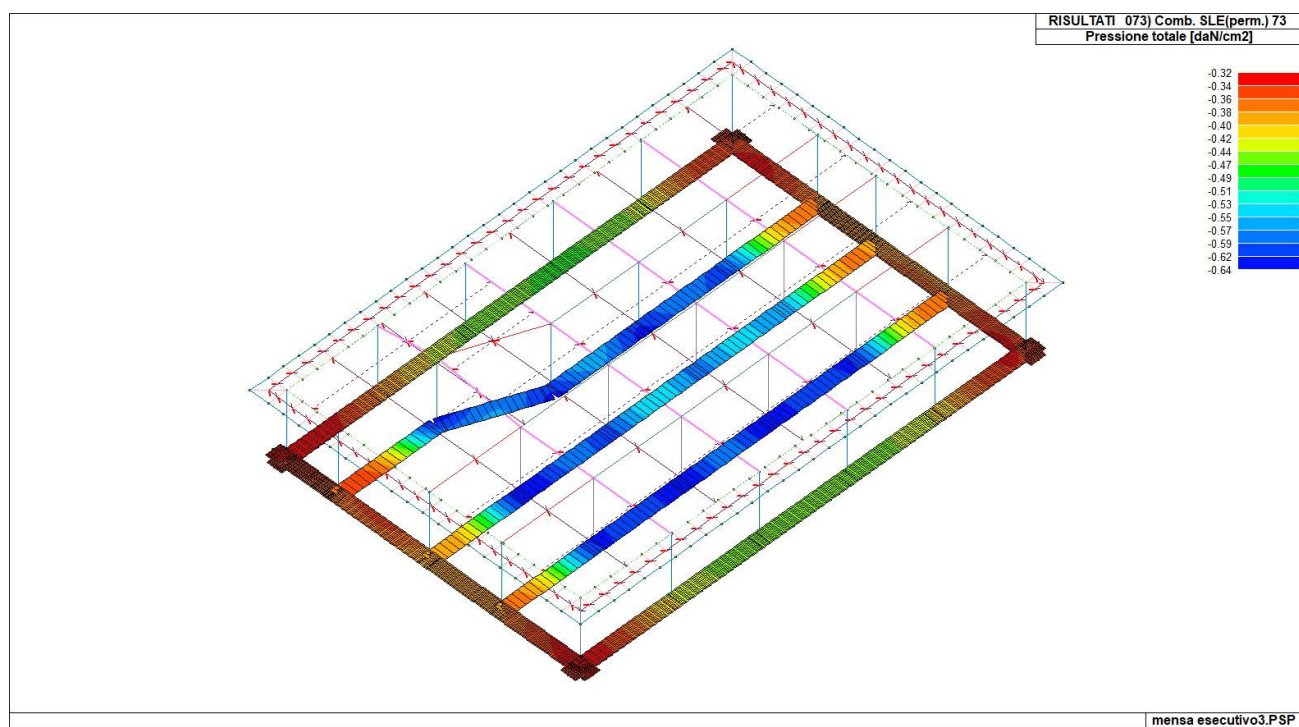


46\_RIS\_PRESSIONI\_071\_Comb. SLE(freq.) 71

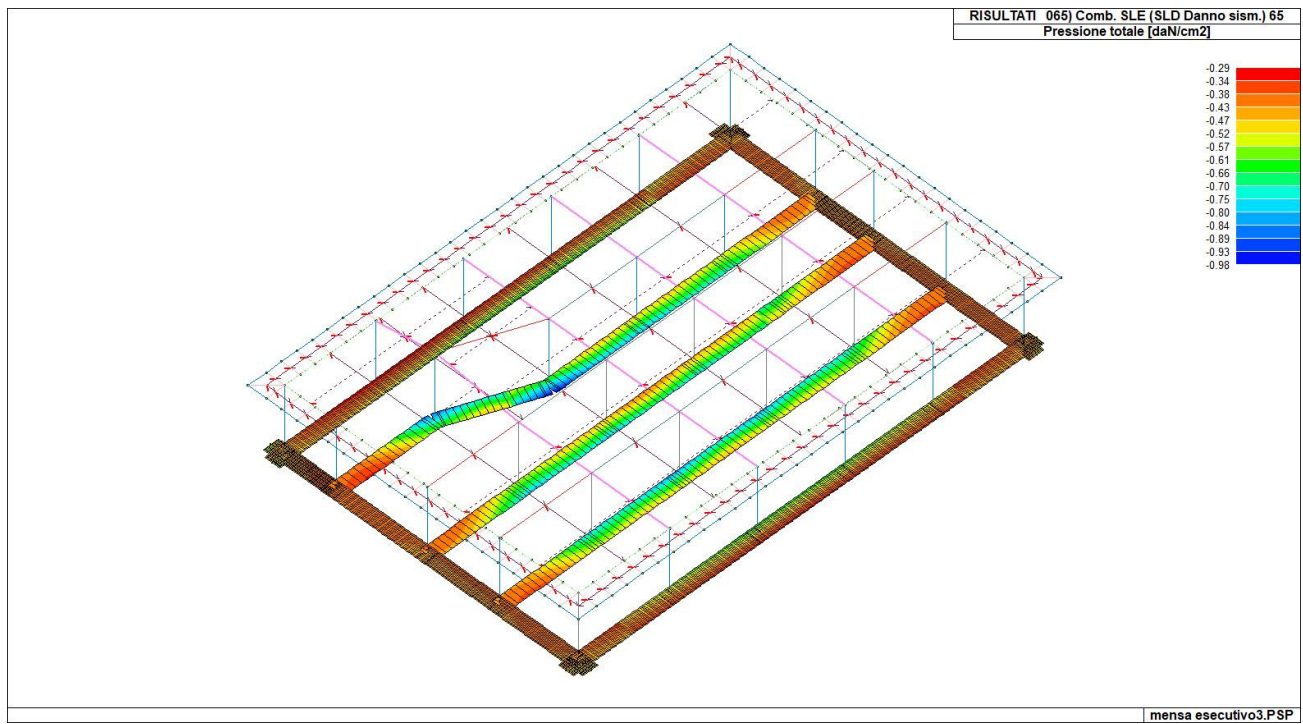




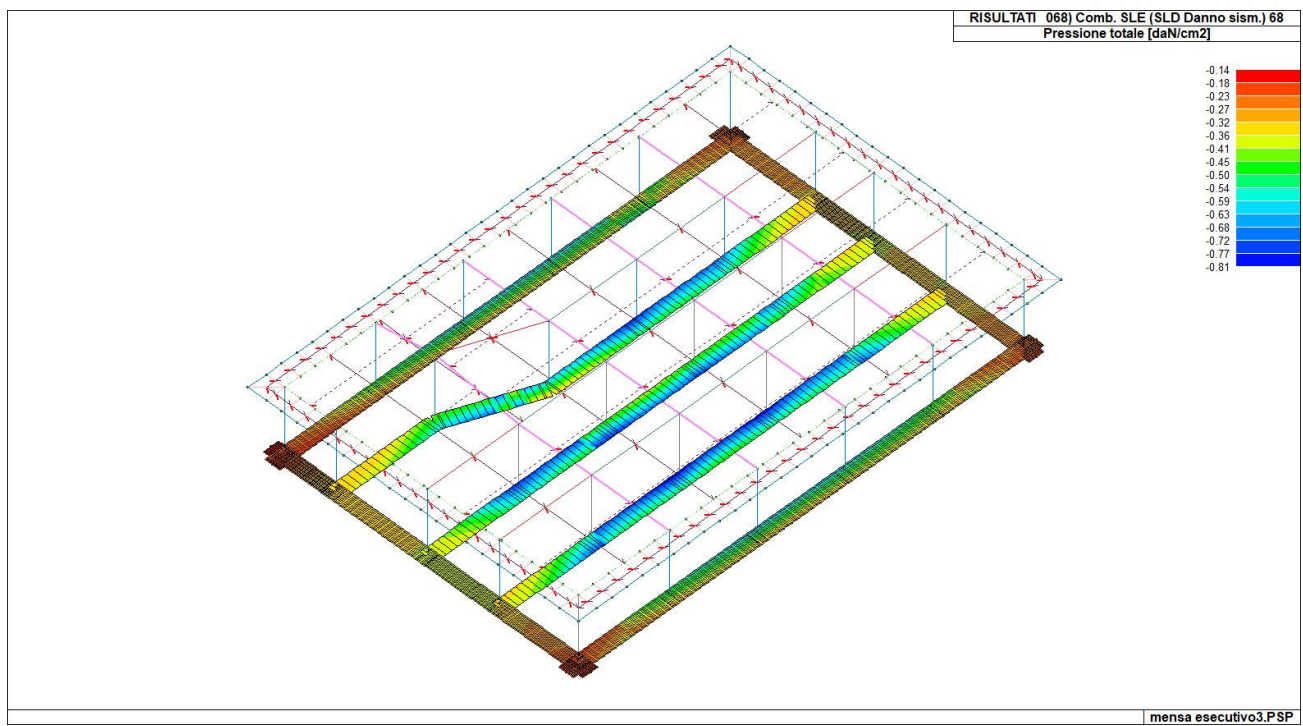
46\_RIS\_PRESSIONI\_074\_Comb. SLE(perm.) 74



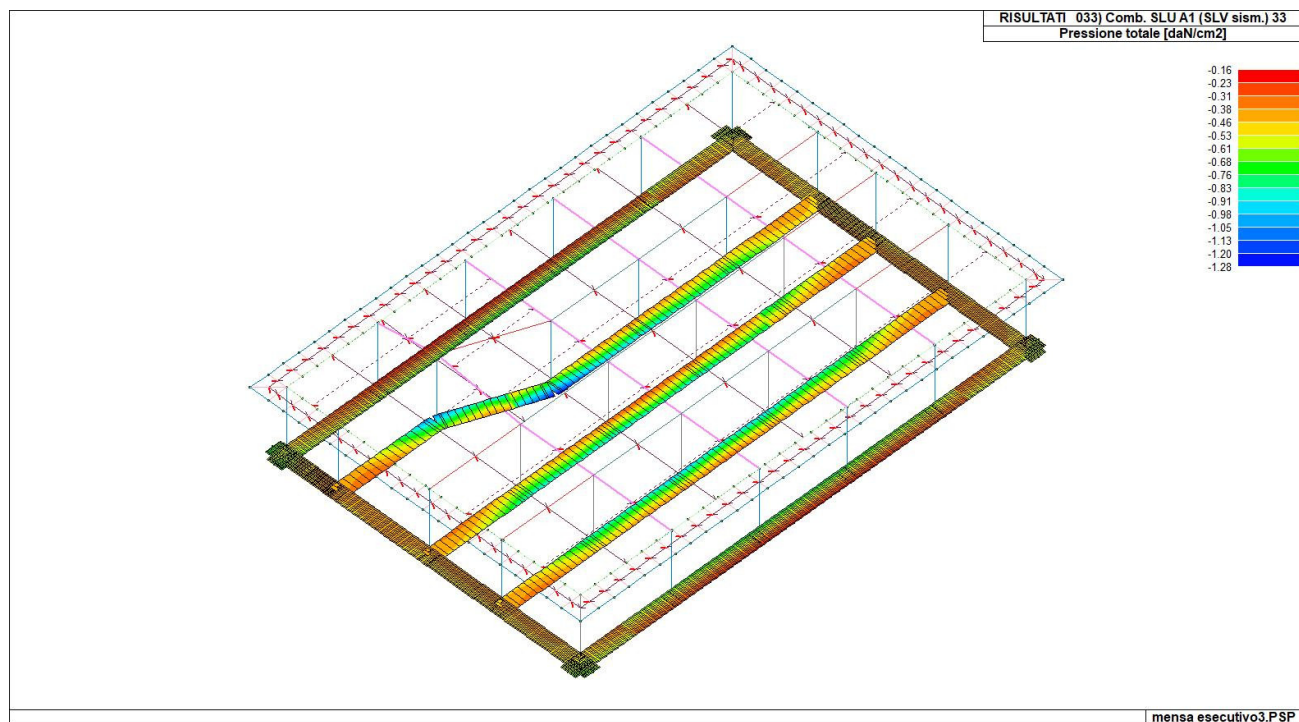
46\_RIS\_PRESSIONI\_073\_Comb. SLE(perm.) 73



46\_RIS\_PRESSIONI\_065\_Comb. SLE (SLD Danno sism.) 65



46\_RIS\_PRESSIONI\_068\_Comb. SLE (SLD Danno sism.) 68



46\_RIS\_PRESSIONI\_033\_Comb. SLU A1 (SLV sism.) 33