



**WeProject s.r.l.**

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COMMITTENTE

**COMUNE DI CURNO**  
Provincia di Bergamo

DESCRIZIONE

**REALIZZAZIONE DI UN NUOVO BLOCCO  
SPOGLIATOI A SERVIZIO DEL CENTRO  
SPORTIVO "VIVERE INSIEME"**  
Via 4 Novembre, 25/b - Curno (BG)  
Progetto esecutivo

DATA

Aprile 2021

TAV. N.

**S.8**

CONTENUTO TAVOLA

RELAZIONE SULLE FONDAZIONI

RISERVATO AGLI UFFICI

IL COMMITTENTE

Comune di Curno (BG)

I PROGETTISTI

Ing. Ilaria Bresciani  
Ing. Matteo Bertoni

Ing. Silvia Rossi  
Ing. Zeudi Bergomi  
Ing. Sergio Consolandi



A NORMA DI LEGGE QUESTO DOCUMENTO E' DI PROPRIETA' ESCLUSIVA DI **Weproject s.r.l.**  
NESSUNA SUA PARTE POTRA' ESSERE UTILIZZATA, RIPRODOTTA O CEDUTA A TERZI SENZA ESPLICITA AUTORIZZAZIONE

**Relazione sulle fondazioni**  
**impostata e redatta secondo le modalità previste nel D.M. 17 Gennaio**  
**2018 cap. 10 “Redazione dei progetti strutturali esecutivi e delle relazioni**  
**di calcolo”.**

<b>Origine e Caratteristiche dei Codici di Calcolo</b>	
Codice di calcolo:	PRO_SAP PROfessional Structural Analysis Program
Versione:	PROFESSIONAL (build 2020-12-191)
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

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” - versione Agosto 2020, 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 terza è riferita alle fondazioni tipo platea su suolo elastico.

Per questo tipo di fondazione vengono riportate le pressioni in ogni vertice (nodo) degli elementi costituenti la platea.

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

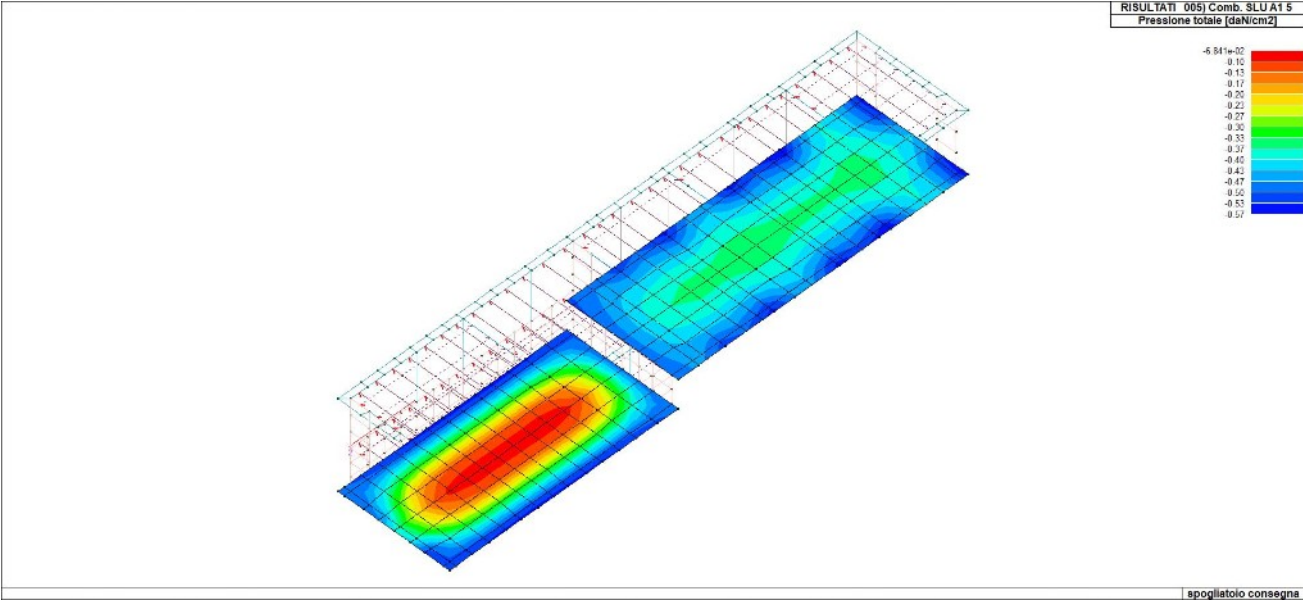
Nodo (G)	Pt 1/12	Pt 2/13	Pt 3...	Pt 4...							
	daN/cm2	daN/cm2	daN/cm2	daN/cm2	daN/cm2	daN/cm2	daN/cm2	daN/cm2	daN/cm2	daN/cm2	daN/cm2
2	-0.53	-0.41	-0.40	-0.40	-0.41	-0.40	-0.40				
4	-0.74	-0.74	-0.66	-0.52	-0.56	-0.53	-0.52				
5	-0.74	-0.74	-0.66	-0.53	-0.56	-0.53	-0.53				
6	-0.76	-0.74	-0.67	-0.54	-0.57	-0.55	-0.54				
7	-0.78	-0.74	-0.67	-0.56	-0.59	-0.56	-0.56				
8	-0.79	-0.74	-0.68	-0.56	-0.60	-0.57	-0.56				
9	-0.80	-0.74	-0.68	-0.56	-0.60	-0.57	-0.56				
10	-0.80	-0.74	-0.68	-0.57	-0.60	-0.57	-0.57				
11	-0.80	-0.74	-0.68	-0.56	-0.60	-0.57	-0.56				
12	-0.79	-0.74	-0.68	-0.56	-0.60	-0.57	-0.56				
13	-0.79	-0.76	-0.69	-0.56	-0.59	-0.57	-0.56				
14	-0.78	-0.77	-0.70	-0.56	-0.59	-0.56	-0.56				
15	-0.77	-0.79	-0.70	-0.55	-0.58	-0.56	-0.55				
16	-0.76	-0.80	-0.71	-0.54	-0.57	-0.55	-0.54				
18	-0.52	-0.43	-0.41	-0.40	-0.40	-0.40	-0.40				
19	-0.54	-0.41	-0.41	-0.40	-0.41	-0.41	-0.40				
20	-0.51	-0.41	-0.40	-0.39	-0.39	-0.39	-0.39				
21	-0.46	-0.35	-0.35	-0.35	-0.35	-0.35	-0.35				
22	-0.70	-0.58	-0.55	-0.51	-0.53	-0.51	-0.51				
23	-0.71	-0.52	-0.51	-0.51	-0.53	-0.51	-0.51				
24	-0.74	-0.54	-0.54	-0.53	-0.56	-0.54	-0.53				
25	-0.63	-0.48	-0.47	-0.46	-0.48	-0.46	-0.46				
26	-0.61	-0.46	-0.45	-0.45	-0.46	-0.45	-0.45				
27	-0.74	-0.54	-0.54	-0.53	-0.56	-0.54	-0.53				
28	-0.73	-0.53	-0.53	-0.52	-0.55	-0.53	-0.52				
29	-0.47	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37				
30	-0.74	-0.56	-0.54	-0.53	-0.56	-0.53	-0.53				
31	-0.77	-0.58	-0.56	-0.55	-0.58	-0.55	-0.55				
32	-0.62	-0.49	-0.47	-0.45	-0.47	-0.45	-0.45				
33	-0.54	-0.49	-0.45	-0.40	-0.41	-0.40	-0.40				
34	-0.57	-0.66	-0.55	-0.43	-0.44	-0.43	-0.43				
35	-0.72	-0.94	-0.75	-0.53	-0.55	-0.53	-0.53				
36	-0.67	-0.52	-0.50	-0.48	-0.51	-0.49	-0.48				
37	-0.47	-0.36	-0.36	-0.36	-0.36	-0.36	-0.36				
38	-0.77	-1.00	-0.80	-0.56	-0.58	-0.56	-0.56				
43	-0.74	-0.67	-0.62	-0.53	-0.56	-0.53	-0.53				
44	-0.73	-0.67	-0.61	-0.52	-0.55	-0.53	-0.52				
45	-0.73	-0.66	-0.61	-0.52	-0.55	-0.53	-0.52				
46	-0.73	-0.66	-0.61	-0.52	-0.55	-0.53	-0.52				
47	-0.73	-0.66	-0.61	-0.52	-0.55	-0.53	-0.52				
48	-0.73	-0.66	-0.60	-0.52	-0.55	-0.53	-0.52				
49	-0.73	-0.66	-0.61	-0.52	-0.55	-0.52	-0.52				
50	-0.73	-0.67	-0.61	-0.52	-0.55	-0.52	-0.52				
51	-0.73	-0.84	-0.72	-0.53	-0.55	-0.53	-0.53				
52	-0.72	-0.69	-0.62	-0.51	-0.54	-0.52	-0.51				
53	-0.71	-0.71	-0.63	-0.51	-0.54	-0.51	-0.51				
54	-0.71	-0.73	-0.65	-0.51	-0.54	-0.51	-0.51				
55	-0.70	-0.55	-0.53	-0.50	-0.53	-0.51	-0.50				
56	-0.75	-0.55	-0.54	-0.53	-0.57	-0.54	-0.53				
57	-0.78	-0.57	-0.56	-0.55	-0.59	-0.56	-0.55				
58	-0.66	-0.50	-0.49	-0.48	-0.50	-0.48	-0.48				
59	-0.64	-0.48	-0.47	-0.46	-0.48	-0.46	-0.46				
66	-0.47	-0.36	-0.36	-0.36	-0.36	-0.36	-0.36				
71	-0.56	-0.46	-0.44	-0.42	-0.43	-0.42	-0.42				
77	-0.57	-0.48	-0.45	-0.41	-0.43	-0.41	-0.41				
78	-0.49	-0.41	-0.38	-0.35	-0.37	-0.35	-0.35				
79	-0.46	-0.38	-0.36	-0.33	-0.34	-0.33	-0.33				
80	-0.45	-0.38	-0.35	-0.32	-0.34	-0.32	-0.32				
81	-0.44	-0.38	-0.35	-0.32	-0.34	-0.32	-0.32				

82	-0.44	-0.38	-0.35	-0.32	-0.34	-0.32	-0.32
83	-0.44	-0.38	-0.35	-0.32	-0.33	-0.32	-0.32
84	-0.44	-0.39	-0.35	-0.31	-0.33	-0.32	-0.31
85	-0.43	-0.40	-0.36	-0.31	-0.33	-0.31	-0.31
86	-0.44	-0.42	-0.37	-0.32	-0.33	-0.32	-0.32
87	-0.43	-0.42	-0.37	-0.31	-0.33	-0.31	-0.31
88	-0.79	-0.58	-0.57	-0.56	-0.59	-0.56	-0.56
89	-0.60	-0.45	-0.44	-0.44	-0.45	-0.44	-0.44
90	-0.78	-0.57	-0.56	-0.55	-0.59	-0.56	-0.55
91	-0.74	-0.55	-0.54	-0.53	-0.56	-0.53	-0.53
92	-0.70	-0.57	-0.54	-0.52	-0.54	-0.52	-0.52
93	-0.50	-0.38	-0.38	-0.38	-0.38	-0.38	-0.38
97	-0.75	-0.62	-0.58	-0.54	-0.57	-0.55	-0.54
100	-0.67	-0.64	-0.58	-0.49	-0.51	-0.49	-0.49
101	-0.59	-0.47	-0.46	-0.44	-0.45	-0.44	-0.44
103	-0.76	-0.99	-0.79	-0.55	-0.58	-0.56	-0.55
109	-0.75	-0.65	-0.60	-0.53	-0.56	-0.54	-0.53
110	-0.72	-0.61	-0.57	-0.51	-0.54	-0.52	-0.51
111	-0.79	-0.60	-0.58	-0.56	-0.60	-0.56	-0.56
113	-0.81	-0.62	-0.60	-0.57	-0.62	-0.58	-0.57
118	-0.61	-0.53	-0.49	-0.43	-0.46	-0.44	-0.43
119	-0.56	-0.48	-0.44	-0.40	-0.42	-0.40	-0.40
120	-0.39	-0.33	-0.31	-0.28	-0.29	-0.28	-0.28
121	-0.26	-0.22	-0.21	-0.19	-0.20	-0.19	-0.19
122	-0.21	-0.17	-0.16	-0.15	-0.16	-0.15	-0.15
123	-0.19	-0.15	-0.14	-0.14	-0.14	-0.14	-0.14
124	-0.19	-0.15	-0.14	-0.14	-0.14	-0.14	-0.14
125	-0.19	-0.16	-0.14	-0.14	-0.14	-0.14	-0.14
126	-0.19	-0.16	-0.14	-0.14	-0.14	-0.14	-0.14
127	-0.18	-0.16	-0.14	-0.13	-0.14	-0.13	-0.13
128	-0.18	-0.16	-0.15	-0.13	-0.14	-0.13	-0.13
129	-0.72	-0.80	-0.70	-0.52	-0.55	-0.52	-0.52
130	-0.25	-0.23	-0.21	-0.18	-0.19	-0.18	-0.18
131	-0.64	-0.53	-0.50	-0.46	-0.49	-0.47	-0.46
132	-0.54	-0.53	-0.47	-0.40	-0.41	-0.40	-0.40
133	-0.57	-0.74	-0.60	-0.42	-0.43	-0.42	-0.42
134	-0.71	-1.08	-0.83	-0.52	-0.54	-0.53	-0.52
135	-0.74	-0.61	-0.58	-0.53	-0.56	-0.53	-0.53
136	-0.67	-0.52	-0.50	-0.48	-0.51	-0.49	-0.48
144	-0.66	-0.70	-0.61	-0.48	-0.50	-0.48	-0.48
152	-0.53	-0.41	-0.40	-0.40	-0.41	-0.40	-0.40
153	-0.43	-0.38	-0.35	-0.31	-0.33	-0.32	-0.31
155	-0.50	-0.40	-0.39	-0.38	-0.39	-0.38	-0.38
156	-0.57	-0.54	-0.49	-0.41	-0.43	-0.41	-0.41
157	-0.51	-0.48	-0.44	-0.37	-0.39	-0.37	-0.37
158	-0.33	-0.30	-0.27	-0.24	-0.25	-0.24	-0.24
159	-0.18	-0.16	-0.15	-0.14	-0.14	-0.14	-0.14
160	-0.12	-0.09	-0.09	-0.09	-0.09	-0.09	-0.09
161	-0.09	-0.08	-0.07	-0.07	-0.07	-0.07	-0.07
162	-0.09	-0.08	-0.07	-0.07	-0.07	-0.07	-0.07
163	-0.09	-0.08	-0.07	-0.07	-0.07	-0.07	-0.07
164	-0.09	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07
165	-0.09	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07
166	-0.09	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07
167	-0.11	-0.08	-0.08	-0.08	-0.08	-0.08	-0.08
168	-0.17	-0.14	-0.13	-0.13	-0.13	-0.13	-0.13
169	-0.76	-1.17	-0.89	-0.56	-0.58	-0.56	-0.56
170	-0.46	-0.35	-0.35	-0.35	-0.35	-0.35	-0.35
171	-0.55	-0.45	-0.44	-0.41	-0.42	-0.41	-0.41
172	-0.57	-0.43	-0.43	-0.42	-0.43	-0.42	-0.42
174	-0.69	-0.68	-0.61	-0.50	-0.52	-0.50	-0.50
175	-0.54	-0.41	-0.40	-0.40	-0.41	-0.40	-0.40
182	-0.49	-0.38	-0.38	-0.38	-0.38	-0.38	-0.38
186	-0.49	-0.38	-0.38	-0.38	-0.38	-0.38	-0.38
189	-0.47	-0.36	-0.36	-0.36	-0.36	-0.36	-0.36
193	-0.59	-0.50	-0.48	-0.43	-0.45	-0.43	-0.43
194	-0.69	-0.65	-0.59	-0.49	-0.52	-0.50	-0.49
195	-0.64	-0.60	-0.55	-0.45	-0.48	-0.46	-0.45
196	-0.42	-0.37	-0.34	-0.30	-0.32	-0.31	-0.30
197	-0.27	-0.22	-0.21	-0.19	-0.20	-0.20	-0.19
198	-0.20	-0.17	-0.16	-0.15	-0.15	-0.15	-0.15
199	-0.18	-0.16	-0.14	-0.14	-0.14	-0.14	-0.14
200	-0.18	-0.15	-0.14	-0.13	-0.14	-0.13	-0.13
201	-0.18	-0.16	-0.14	-0.14	-0.14	-0.14	-0.14
202	-0.18	-0.16	-0.14	-0.14	-0.14	-0.14	-0.14
203	-0.18	-0.16	-0.14	-0.13	-0.14	-0.13	-0.13
204	-0.18	-0.16	-0.15	-0.13	-0.14	-0.13	-0.13
205	-0.19	-0.18	-0.16	-0.14	-0.15	-0.14	-0.14
206	-0.25	-0.23	-0.21	-0.18	-0.19	-0.19	-0.18
207	-0.59	-0.44	-0.44	-0.43	-0.45	-0.44	-0.43

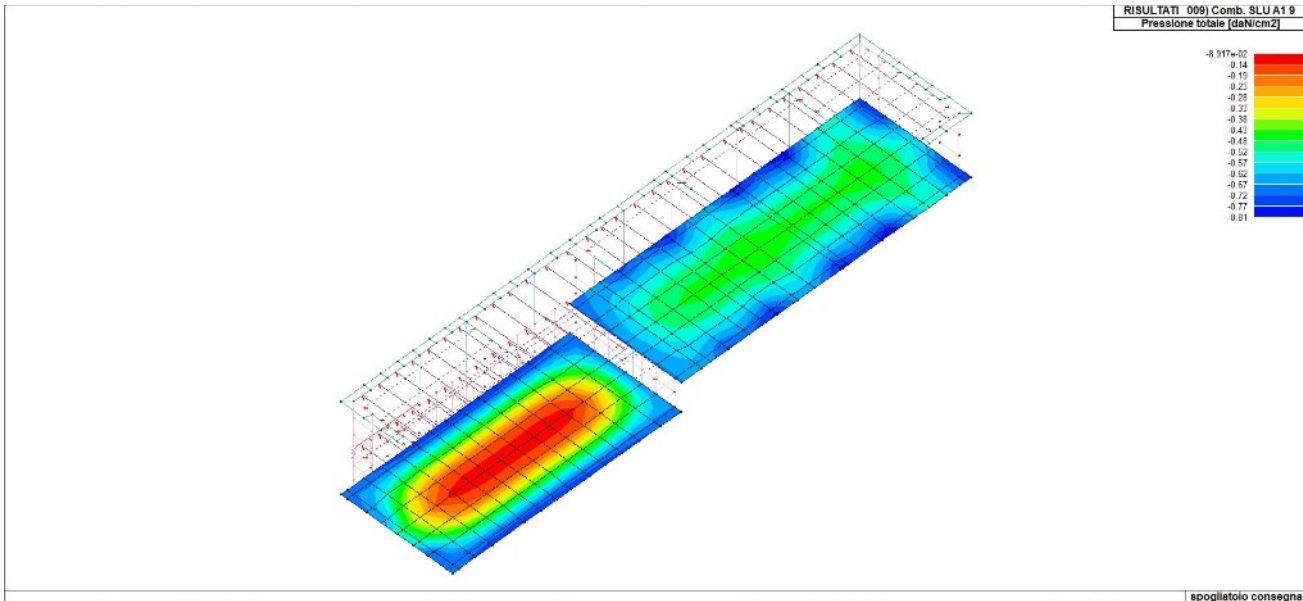
208	-0.54	-0.41	-0.40	-0.40	-0.41	-0.40	-0.40
209	-0.59	-0.44	-0.44	-0.43	-0.45	-0.44	-0.43
210	-0.58	-0.43	-0.43	-0.43	-0.44	-0.43	-0.43
211	-0.74	-0.54	-0.54	-0.53	-0.56	-0.54	-0.53
212	-0.69	-0.60	-0.56	-0.50	-0.52	-0.50	-0.50
230	-0.57	-0.45	-0.44	-0.42	-0.43	-0.42	-0.42
232	-0.66	-0.67	-0.59	-0.48	-0.50	-0.48	-0.48
233	-0.68	-0.58	-0.54	-0.48	-0.51	-0.49	-0.48
234	-0.60	-0.45	-0.44	-0.44	-0.46	-0.44	-0.44
238	-0.57	-0.48	-0.45	-0.40	-0.43	-0.41	-0.40
239	-0.48	-0.41	-0.38	-0.34	-0.36	-0.35	-0.34
240	-0.45	-0.39	-0.36	-0.32	-0.34	-0.32	-0.32
241	-0.44	-0.39	-0.35	-0.31	-0.33	-0.32	-0.31
242	-0.44	-0.39	-0.35	-0.31	-0.33	-0.32	-0.31
243	-0.44	-0.39	-0.35	-0.32	-0.33	-0.32	-0.32
244	-0.44	-0.39	-0.36	-0.32	-0.33	-0.32	-0.32
245	-0.44	-0.40	-0.36	-0.31	-0.33	-0.32	-0.31
246	-0.44	-0.40	-0.36	-0.31	-0.33	-0.32	-0.31
247	-0.44	-0.42	-0.38	-0.32	-0.34	-0.32	-0.32
248	-0.44	-0.43	-0.38	-0.32	-0.33	-0.32	-0.32
249	-0.54	-0.41	-0.41	-0.40	-0.41	-0.41	-0.40
250	-0.51	-0.41	-0.40	-0.39	-0.39	-0.39	-0.39
251	-0.56	-0.47	-0.44	-0.42	-0.43	-0.42	-0.42
252	-0.70	-0.56	-0.54	-0.52	-0.54	-0.52	-0.52
253	-0.71	-0.68	-0.62	-0.51	-0.53	-0.51	-0.51
262	-0.62	-0.54	-0.50	-0.46	-0.47	-0.46	-0.46
265	-0.58	-0.46	-0.45	-0.43	-0.44	-0.43	-0.43
269	-0.54	-0.45	-0.44	-0.41	-0.42	-0.41	-0.41
272	-0.49	-0.38	-0.38	-0.37	-0.38	-0.38	-0.37
273	-0.49	-0.38	-0.37	-0.37	-0.38	-0.37	-0.37
274	-0.71	-0.72	-0.64	-0.51	-0.54	-0.51	-0.51
275	-0.71	-0.71	-0.64	-0.51	-0.54	-0.51	-0.51
276	-0.71	-0.70	-0.63	-0.51	-0.54	-0.51	-0.51
277	-0.72	-0.69	-0.62	-0.51	-0.54	-0.51	-0.51
278	-0.72	-0.68	-0.62	-0.51	-0.54	-0.52	-0.51
279	-0.73	-0.68	-0.62	-0.52	-0.55	-0.52	-0.52
280	-0.73	-0.68	-0.62	-0.52	-0.55	-0.52	-0.52
281	-0.73	-0.68	-0.62	-0.52	-0.55	-0.53	-0.52
282	-0.73	-0.68	-0.62	-0.52	-0.55	-0.53	-0.52
284	-0.73	-0.70	-0.63	-0.52	-0.55	-0.52	-0.52
285	-0.73	-0.72	-0.65	-0.52	-0.55	-0.52	-0.52
286	-0.73	-0.74	-0.66	-0.52	-0.55	-0.53	-0.52
287	-0.50	-0.40	-0.39	-0.38	-0.39	-0.38	-0.38
288	-0.74	-0.62	-0.58	-0.54	-0.57	-0.55	-0.54
289	-0.46	-0.36	-0.36	-0.36	-0.36	-0.36	-0.36
290	-0.49	-0.38	-0.38	-0.37	-0.38	-0.38	-0.37
291	-0.49	-0.38	-0.37	-0.37	-0.38	-0.37	-0.37
292	-0.71	-0.55	-0.53	-0.51	-0.54	-0.51	-0.51
293	-0.75	-0.55	-0.55	-0.53	-0.57	-0.54	-0.53
294	-0.78	-0.57	-0.56	-0.55	-0.59	-0.56	-0.55
295	-0.66	-0.50	-0.49	-0.48	-0.50	-0.48	-0.48
296	-0.64	-0.48	-0.47	-0.46	-0.48	-0.46	-0.46
297	-0.79	-0.58	-0.57	-0.55	-0.59	-0.56	-0.55
298	-0.78	-0.57	-0.56	-0.55	-0.59	-0.56	-0.55
299	-0.74	-0.55	-0.54	-0.53	-0.56	-0.53	-0.53
300	-0.79	-0.60	-0.58	-0.56	-0.60	-0.56	-0.56
301	-0.81	-0.62	-0.60	-0.57	-0.61	-0.58	-0.57
302	-0.64	-0.53	-0.50	-0.46	-0.49	-0.47	-0.46
303	-0.54	-0.53	-0.47	-0.40	-0.41	-0.40	-0.40
304	-0.56	-0.74	-0.59	-0.42	-0.43	-0.42	-0.42
305	-0.70	-1.07	-0.82	-0.51	-0.53	-0.52	-0.51
306	-0.57	-0.43	-0.43	-0.42	-0.43	-0.43	-0.42
307	-0.49	-0.38	-0.38	-0.38	-0.38	-0.38	-0.38
308	-0.75	-1.16	-0.88	-0.55	-0.57	-0.55	-0.55
311	-0.50	-0.38	-0.38	-0.38	-0.38	-0.38	-0.38
312	-0.72	-0.77	-0.67	-0.51	-0.54	-0.52	-0.51
313	-0.72	-0.77	-0.68	-0.51	-0.54	-0.52	-0.51
314	-0.74	-0.77	-0.68	-0.53	-0.56	-0.53	-0.53
315	-0.77	-0.77	-0.69	-0.55	-0.58	-0.55	-0.55
316	-0.78	-0.77	-0.70	-0.56	-0.59	-0.56	-0.56
317	-0.79	-0.77	-0.70	-0.56	-0.60	-0.57	-0.56
318	-0.80	-0.77	-0.70	-0.57	-0.60	-0.57	-0.57
319	-0.80	-0.77	-0.70	-0.57	-0.60	-0.57	-0.57
320	-0.80	-0.77	-0.70	-0.57	-0.60	-0.57	-0.57
321	-0.80	-0.78	-0.71	-0.57	-0.60	-0.58	-0.57
322	-0.80	-0.79	-0.71	-0.57	-0.60	-0.57	-0.57
323	-0.79	-0.80	-0.72	-0.57	-0.60	-0.57	-0.57
324	-0.78	-0.82	-0.72	-0.56	-0.59	-0.56	-0.56
325	-0.65	-0.58	-0.53	-0.48	-0.49	-0.48	-0.48
326	-0.49	-0.38	-0.38	-0.38	-0.38	-0.38	-0.38

327	-0.48	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37
328	-0.49	-0.38	-0.38	-0.38	-0.38	-0.38	-0.38
329	-0.49	-0.38	-0.38	-0.38	-0.38	-0.38	-0.38
330	-0.69	-0.56	-0.53	-0.50	-0.52	-0.50	-0.50
331	-0.69	-0.83	-0.70	-0.50	-0.52	-0.50	-0.50
332	-0.71	-0.58	-0.55	-0.51	-0.54	-0.51	-0.51
336	-0.60	-0.45	-0.44	-0.44	-0.45	-0.44	-0.44
337	-0.58	-0.47	-0.45	-0.43	-0.44	-0.43	-0.43
338	-0.53	-0.42	-0.41	-0.40	-0.41	-0.40	-0.40
339	-0.48	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37
340	-0.71	-0.52	-0.51	-0.51	-0.54	-0.51	-0.51
343	-0.71	-0.68	-0.62	-0.51	-0.54	-0.52	-0.51
344	-0.63	-0.48	-0.47	-0.46	-0.48	-0.46	-0.46
345	-0.70	-0.60	-0.56	-0.50	-0.53	-0.51	-0.50
347	-0.61	-0.46	-0.45	-0.45	-0.46	-0.45	-0.45
348	-0.74	-0.54	-0.54	-0.53	-0.56	-0.54	-0.53
349	-0.73	-0.53	-0.53	-0.52	-0.55	-0.53	-0.52
350	-0.50	-0.39	-0.38	-0.38	-0.38	-0.38	-0.38
365	-0.50	-0.38	-0.38	-0.38	-0.38	-0.38	-0.38
366	-0.53	-0.49	-0.45	-0.40	-0.41	-0.40	-0.40
367	-0.50	-0.38	-0.38	-0.38	-0.38	-0.38	-0.38
368	-0.62	-0.57	-0.53	-0.45	-0.47	-0.46	-0.45
369	-0.73	-0.81	-0.71	-0.52	-0.55	-0.53	-0.52
373	-0.74	-0.56	-0.54	-0.53	-0.56	-0.53	-0.53
376	-0.77	-0.58	-0.56	-0.55	-0.58	-0.55	-0.55
378	-0.62	-0.49	-0.47	-0.45	-0.47	-0.45	-0.45
379	-0.48	-0.38	-0.37	-0.37	-0.37	-0.37	-0.37
380	-0.70	-0.60	-0.56	-0.50	-0.53	-0.51	-0.50
381	-0.75	-0.83	-0.72	-0.54	-0.57	-0.54	-0.54
383	-0.56	-0.65	-0.55	-0.42	-0.43	-0.42	-0.42
385	-0.72	-0.80	-0.70	-0.52	-0.55	-0.52	-0.52
386	-0.65	-0.69	-0.60	-0.47	-0.49	-0.47	-0.47
387	-0.66	-0.63	-0.57	-0.48	-0.50	-0.48	-0.48
389	-0.71	-0.93	-0.74	-0.52	-0.54	-0.52	-0.52
393	-0.48	-0.38	-0.37	-0.37	-0.37	-0.37	-0.37
394	-0.39	-0.31	-0.30	-0.28	-0.29	-0.28	-0.28
395	-0.69	-0.80	-0.68	-0.50	-0.53	-0.50	-0.50
397	-0.48	-0.38	-0.37	-0.37	-0.37	-0.37	-0.37
398	-0.73	-0.61	-0.58	-0.52	-0.55	-0.53	-0.52
399	-0.48	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37
408	-0.54	-0.53	-0.48	-0.39	-0.41	-0.39	-0.39
414	-0.48	-0.38	-0.37	-0.37	-0.37	-0.37	-0.37
415	-0.70	-0.52	-0.51	-0.50	-0.53	-0.51	-0.50
417	-0.58	-0.43	-0.43	-0.43	-0.44	-0.43	-0.43
418	-0.48	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37
420	-0.69	-0.79	-0.68	-0.50	-0.53	-0.50	-0.50
422	-0.43	-0.38	-0.35	-0.31	-0.32	-0.31	-0.31
423	-0.70	-0.76	-0.66	-0.50	-0.53	-0.51	-0.50
424	-0.61	-0.57	-0.52	-0.45	-0.46	-0.45	-0.45
425	-0.58	-0.46	-0.45	-0.43	-0.44	-0.43	-0.43
427	-0.58	-0.43	-0.43	-0.43	-0.44	-0.43	-0.43
429	-0.53	-0.53	-0.47	-0.38	-0.40	-0.39	-0.38
431	-0.49	-0.38	-0.38	-0.37	-0.38	-0.38	-0.37
435	-0.65	-0.58	-0.53	-0.48	-0.49	-0.48	-0.48
436	-0.69	-0.68	-0.61	-0.50	-0.52	-0.50	-0.50
437	-0.72	-0.68	-0.61	-0.51	-0.54	-0.52	-0.51
439	-0.46	-0.36	-0.36	-0.36	-0.36	-0.36	-0.36
454	-0.52	-0.43	-0.41	-0.40	-0.40	-0.40	-0.40
455	-0.47	-0.36	-0.36	-0.36	-0.36	-0.36	-0.36
456	-0.62	-0.54	-0.50	-0.46	-0.47	-0.46	-0.46
457	-0.57	-0.43	-0.43	-0.42	-0.43	-0.42	-0.42
459	-0.19	-0.18	-0.16	-0.14	-0.15	-0.14	-0.14
460	-0.72	-0.77	-0.68	-0.52	-0.55	-0.52	-0.52
461	-0.46	-0.36	-0.36	-0.36	-0.36	-0.36	-0.36
462	-0.64	-0.60	-0.55	-0.47	-0.49	-0.47	-0.47
463	-0.69	-0.60	-0.56	-0.49	-0.52	-0.50	-0.49
465	-0.46	-0.36	-0.36	-0.36	-0.36	-0.36	-0.36
466	-0.66	-0.61	-0.56	-0.48	-0.50	-0.48	-0.48
467	-0.69	-0.55	-0.53	-0.50	-0.52	-0.50	-0.50
470	-0.46	-0.36	-0.36	-0.36	-0.36	-0.36	-0.36
483	-0.59	-0.44	-0.44	-0.43	-0.45	-0.44	-0.43
500	-0.60	-0.52	-0.49	-0.44	-0.46	-0.44	-0.44
501	-0.70	-0.52	-0.51	-0.50	-0.53	-0.51	-0.50
503	-0.59	-0.44	-0.44	-0.43	-0.45	-0.44	-0.43
532	-0.73	-0.69	-0.63	-0.52	-0.55	-0.53	-0.52
538	-0.64	-0.66	-0.59	-0.46	-0.49	-0.47	-0.46
539	-0.58	-0.43	-0.43	-0.43	-0.44	-0.43	-0.43
540	-0.49	-0.38	-0.38	-0.37	-0.38	-0.38	-0.37
543	-0.60	-0.45	-0.44	-0.44	-0.46	-0.44	-0.44
547	-0.59	-0.50	-0.48	-0.44	-0.45	-0.44	-0.44

548	-0.71	-0.60	-0.56	-0.50	-0.53	-0.51	-0.50
549	-0.72	-0.84	-0.72	-0.52	-0.55	-0.52	-0.52
552	-0.70	-0.83	-0.71	-0.50	-0.53	-0.51	-0.50
553	-0.57	-0.43	-0.43	-0.42	-0.43	-0.43	-0.42
554	-0.59	-0.52	-0.49	-0.44	-0.45	-0.44	-0.44
555	-0.46	-0.36	-0.36	-0.35	-0.35	-0.35	-0.35
556	-0.74	-0.67	-0.62	-0.53	-0.56	-0.53	-0.53
Nodo (G)	Pt 1/12	Pt 2/13	Pt 3...	Pt 4...			
	-1.17						
	-0.07						

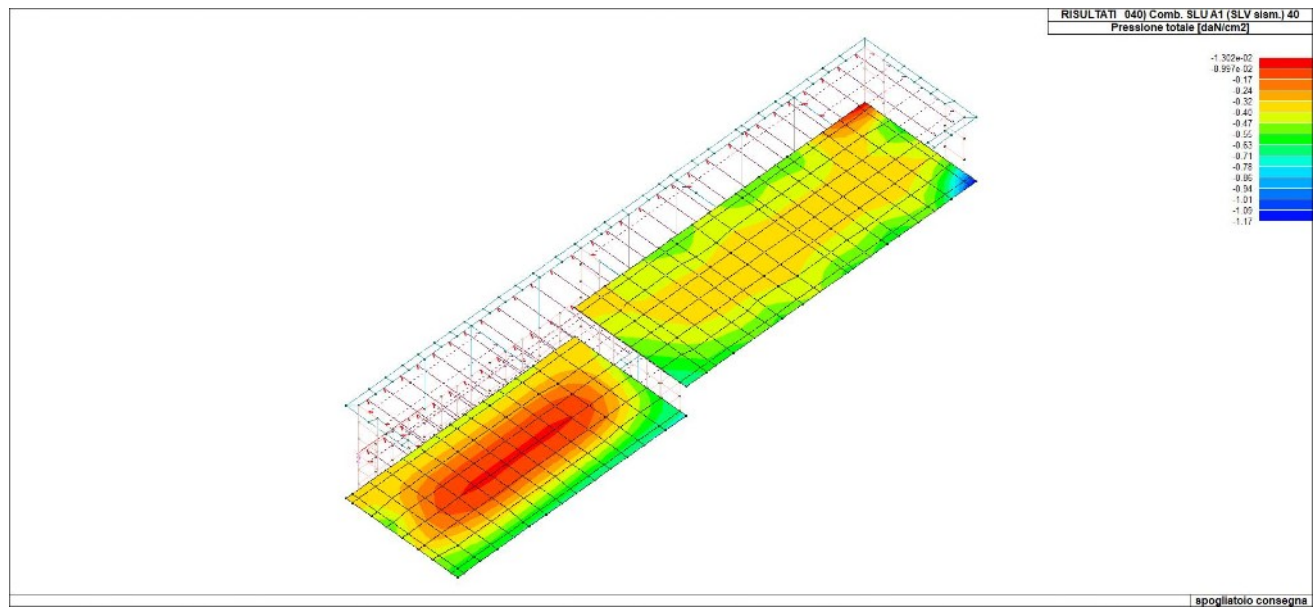


46\_RIS\_PRESSIONI\_005\_Comb. SLU A1 5

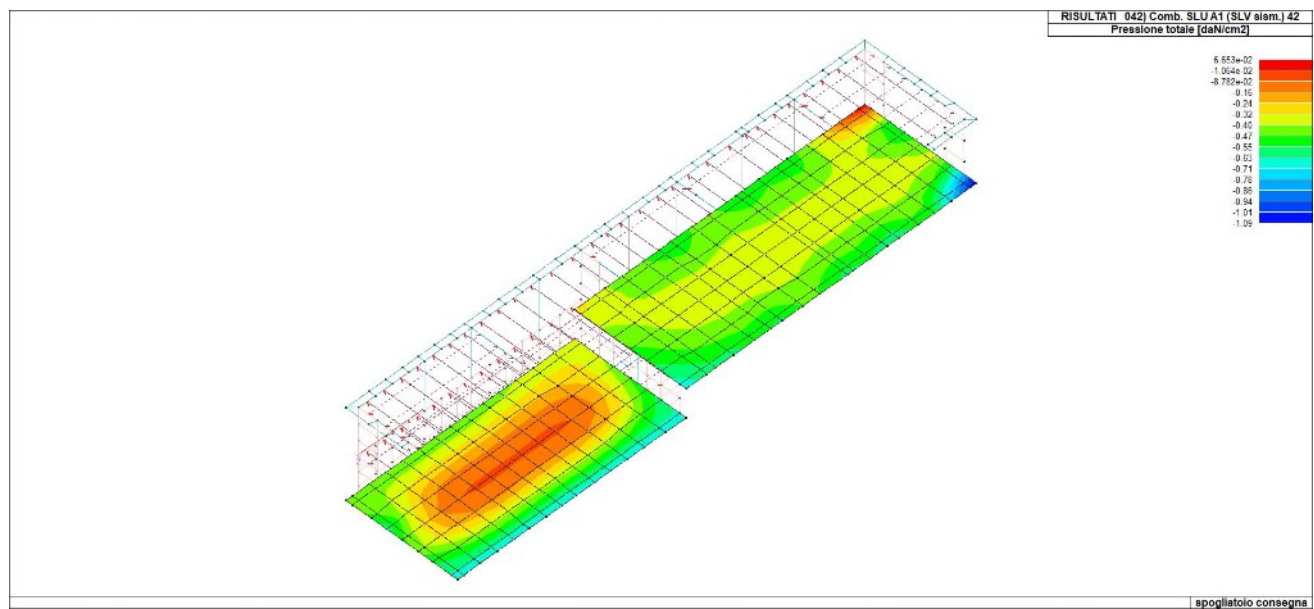


46\_RIS\_PRESSIONI\_009\_Comb. SLU A1 9



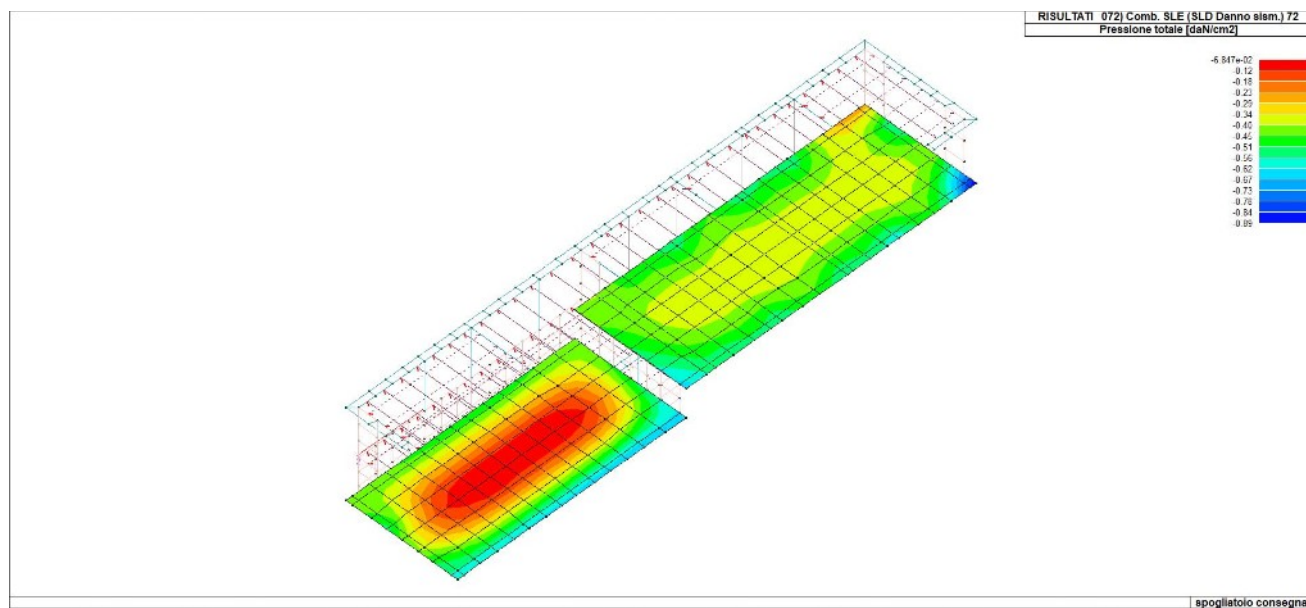


46\_RIS\_PRESSIONI\_040\_Comb. SLU A1 (SLV sism.) 40





# 46\_RIS\_PRESSIONI\_063\_Comb. SLE (SLD Danno sism.) 63



# 46\_RIS\_PRESSIONI\_072\_Comb. SLE (SLD Danno sism.) 72

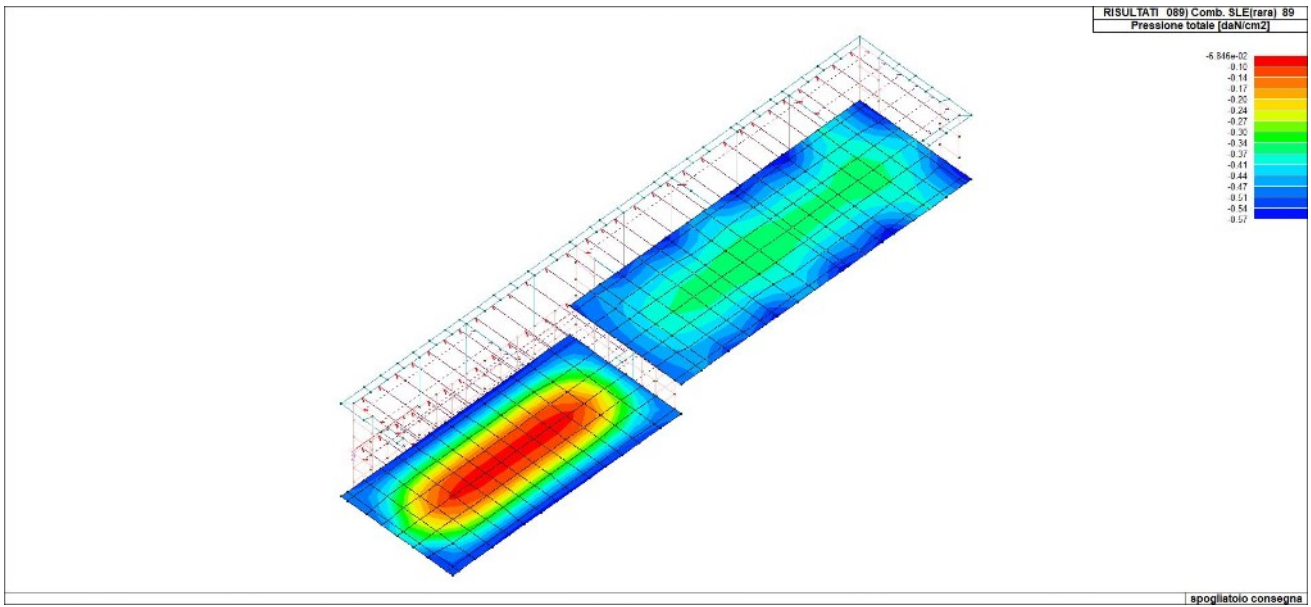
RISULTATI 087) Comb. SLU (Accid.) 87  
Pressione totale [daN/cm²]

-5.846e+02  
-0.10  
-0.14  
-0.17  
-0.20  
-0.24  
-0.27  
-0.30  
-0.34  
-0.37  
-0.41  
-0.44  
-0.47  
-0.51  
-0.54  
-0.57

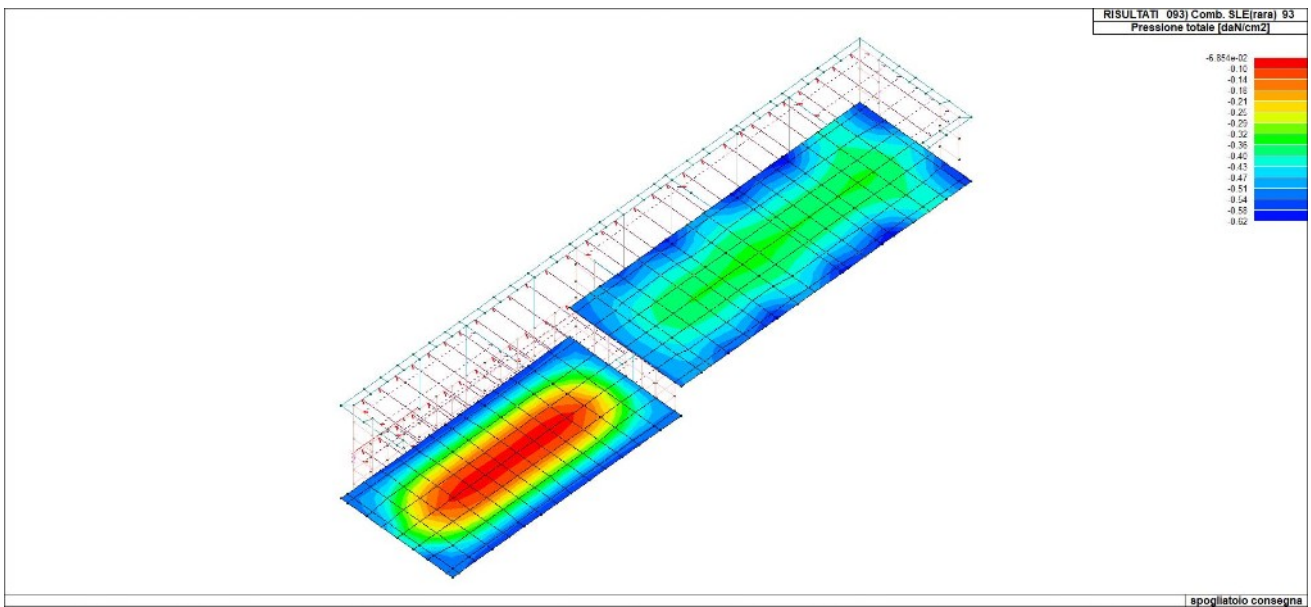
spogliatolo consegna

# 46\_RIS\_PRESSIONI\_087\_Comb. SLU (Accid.) 87

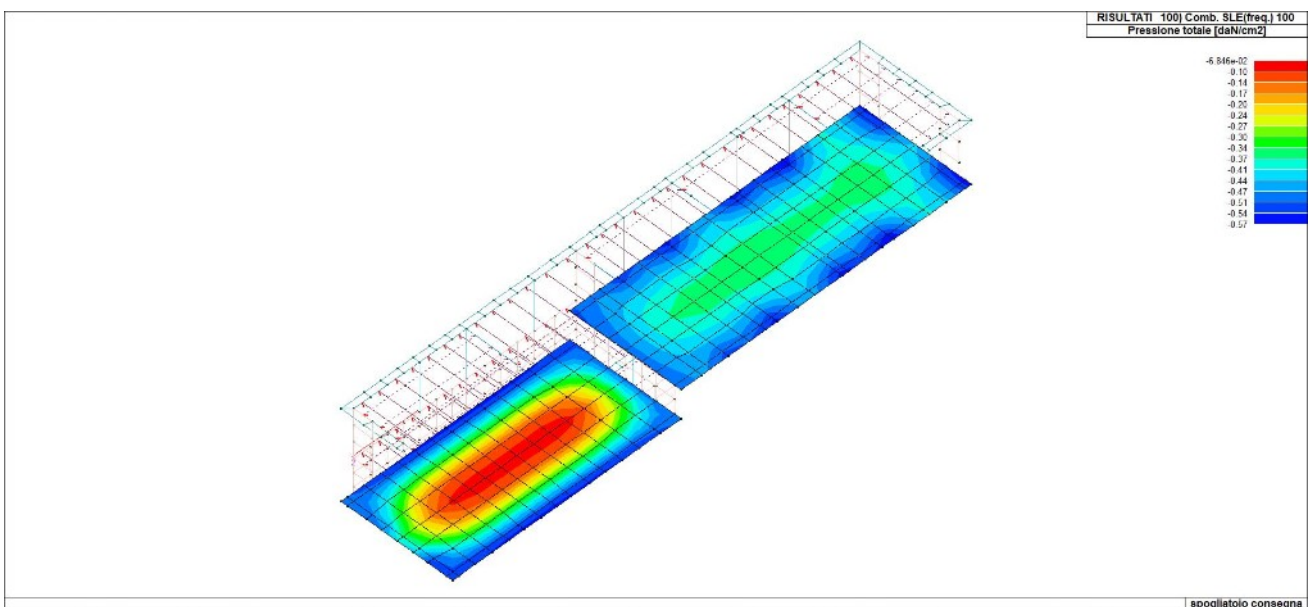
8



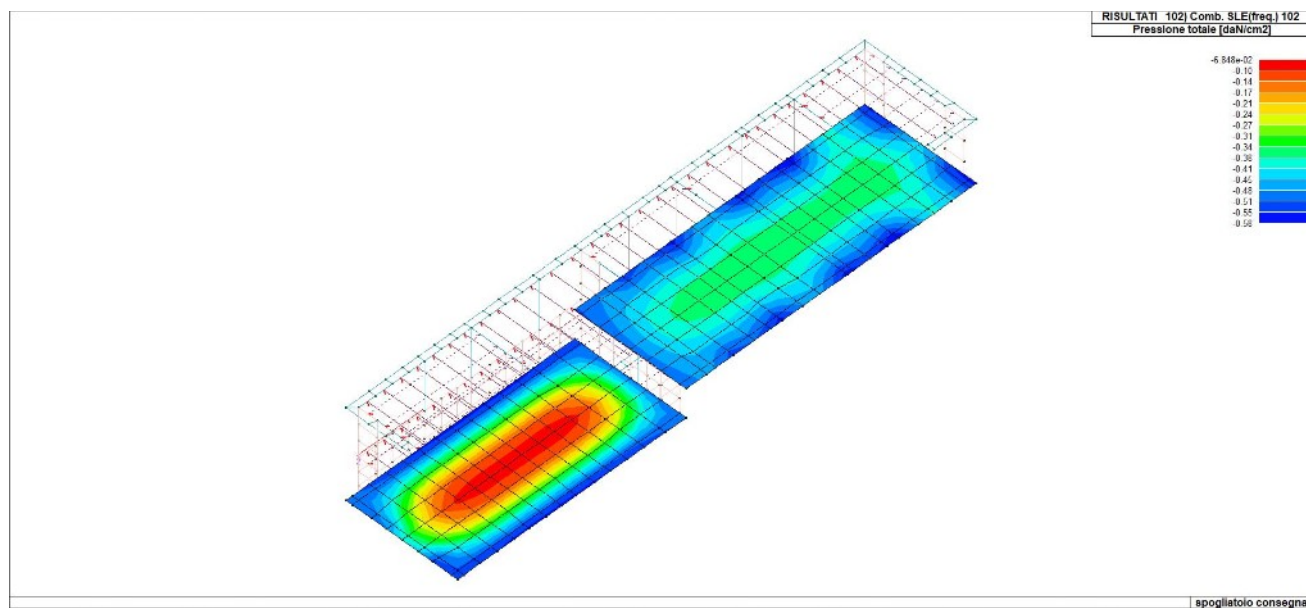
46\_RIS\_PRESSIONI\_089\_Comb. SLE(rara) 89



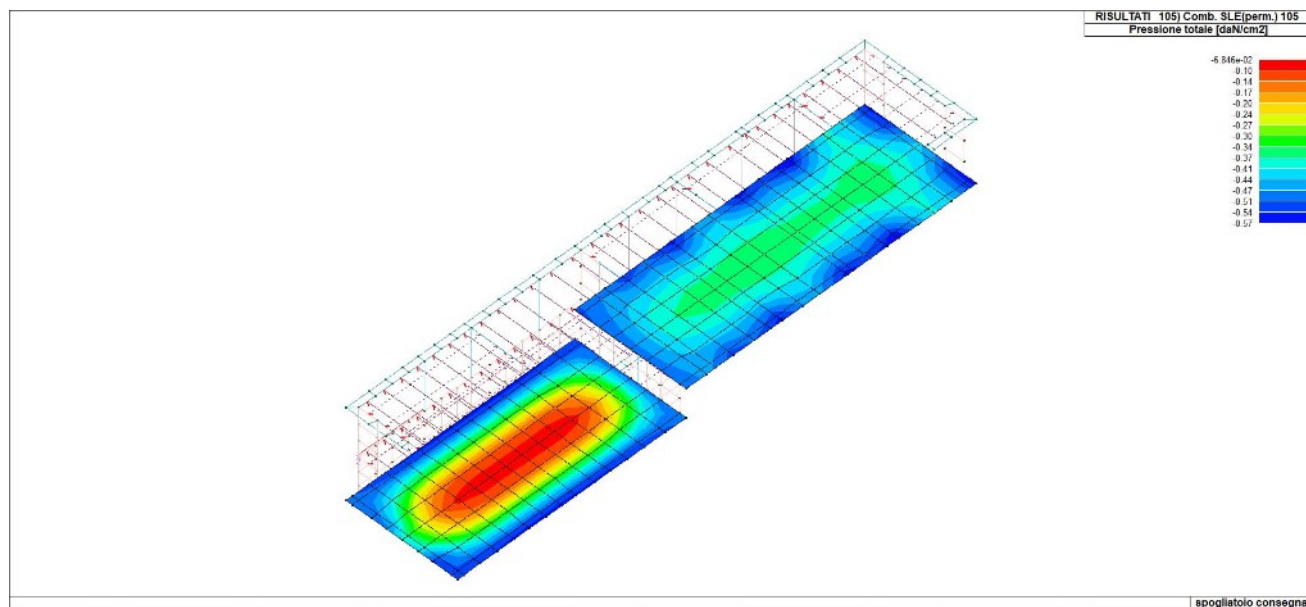
46\_RIS\_PRESSIONI\_093\_Comb. SLE(rara) 93



46\_RIS\_PRESSIONI\_100\_Comb. SLE(freq.) 100



46\_RIS\_PRESSIONI\_102\_Comb. SLE(freq.) 102



46\_RIS\_PRESSIONI\_105\_Comb. SLE(perm.) 105