

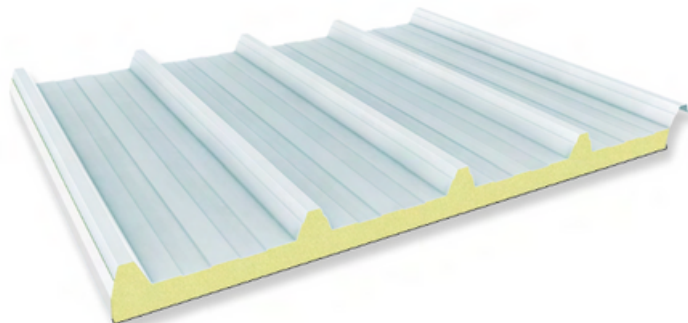
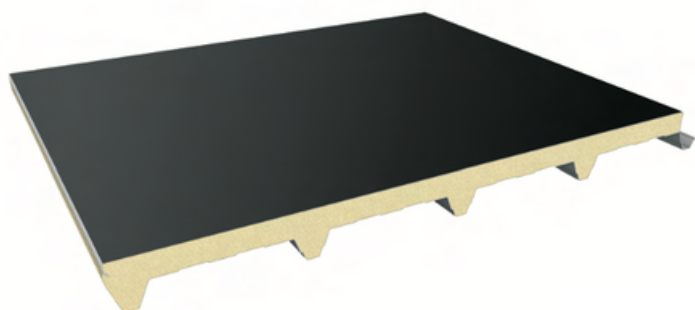
MONO PENTA DECK

Pannelli copertura in PUR / PIR con supporto esterno in cartongesso bitumato

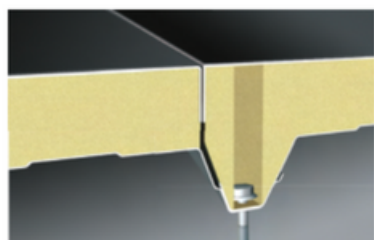
Roof panels with PUR / PIR insulation and external support in bitumized felt paper

Dachpaneele, isoliert mit PUR / PIR Schaum und mit Außenseite aus bitumen-Filzkarton

Panneaux de couverture avec isolation en PUR / PIR et avec le support extérieure en carton-feutre bitumé

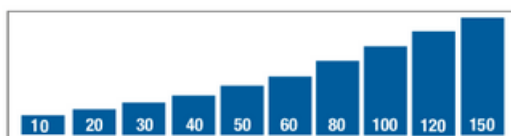


PARTICOLARE DEL GIUNTO
JOINT DETAIL

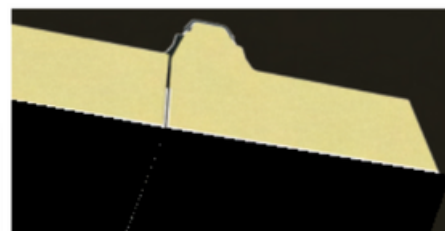


• Spessore (mm)
• Thickness

• Plattenstärke
• Epaisseur



PARTICOLARE DEL GIUNTO
JOINT DETAIL

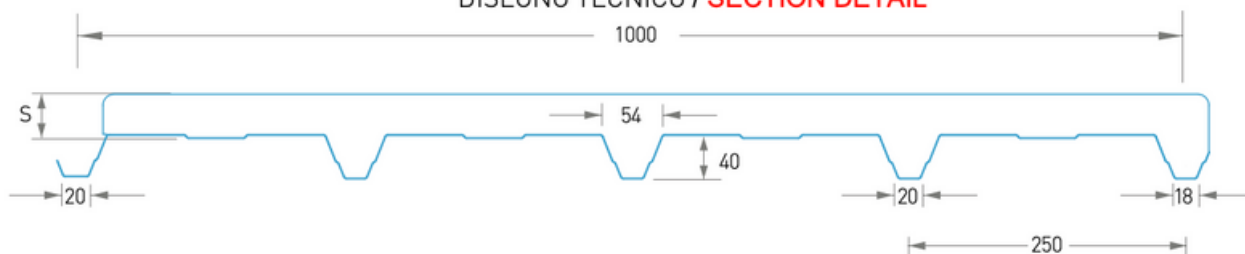


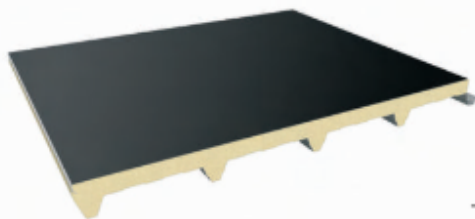
Spessore Pannello Panel Thickness [mm]	Trasmittanza Termica / Thermal Transmittance in accordo / according to UNI EN 14509 A.10 - A.30 $U_{d,s}$ [W/m ² K]	Trasmittanza Termica / Thermal Transmittance in accordo / according to UNI EN ISO 6946 U^* [W/m ² K]	Conduttività termica dichiarata / Declared thermal conductivity in accordo / according to UNI EN 14509 A.10 - A.30 λ_D [W/m ² K]
10	2,22	1,40	0,029
20	1,28	0,94	
30	0,89	0,71	
40	0,68	0,57	
50	0,56	0,48	
60	0,47	0,41	
80	0,34	0,31	0,028
100	0,28	0,25	
120	0,22	0,21	0,027
150	0,18	0,17	

* I valori di trasmittanza termica sono calcolati in accordo alla UNI EN ISO 6946, sono stati considerati gli spessori medi del PUR / PIR e non includono i ponti termici del giunto longitudinale.

The thermal transmittance values are calculated in accordance with UNI EN ISO 6946, the average thicknesses of the PUR / PIR have been considered and do not include the thermal bridges of the longitudinal joint.

DISEGNO TECNICO / SECTION DETAIL

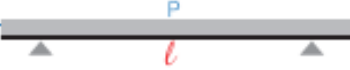




Mono Penta Deck



TABELLE PORTATE

Spessore nominale Supporto Acciaio (mm)	Larghezza efficace appoggio: 100 mm 															
	l=cm	100	125	150	175	200	225	250	275	300	325	350	375	400		
0,50	P = kg/m²	420	265	180	120	75										
0,60		530	335	230	145	90	60									
0,70		640	405	275	170	110	70	50								
0,80		745	475	325	195	125	80	55								
1,00		960	610	400	240	155	100	70								

Spessore nominale Supporto Alluminio (mm)	Larghezza efficace appoggio: 100 mm 															
	l=cm	100	125	150	175	200	225	250	275	300	325	350	375	400		
0,60	P = kg/m²	285	135	70												
0,70		335	160	85												
0,80		380	185	100	55											
1,00		465	225	120	70											

Spessore Pannello (mm)	Spessore Nominale Supporto Acciaio (mm)				
	0,50	0,60	0,70	0,80	1,00
Peso Pannello (kg/m²)					
10	5,4	6,4	7,4	8,4	10,4
20	5,8	6,8	7,8	8,8	10,8
30	6,2	7,2	8,2	9,2	11,2
40	6,6	7,6	8,6	9,6	11,6
50	7,0	8,0	9,0	10,0	12,0
60	7,4	8,4	9,4	10,4	12,4
80	8,2	9,2	10,2	11,2	13,2
100	9,0	10,0	11,0	12,0	14,0
120	9,8	10,8	11,8	12,8	14,8
150	11,0	12,0	13,0	14,0	16,0

Spessore Pannello (mm)	Spessore Nominale Supporto Alluminio (mm)			
	0,60	0,70	0,80	1,00
Peso Pannello (kg/m²)				
10	2,8	3,2	3,6	4,2
20	3,2	3,6	4,0	4,6
30	3,6	4,0	4,4	5,0
40	4,0	4,4	4,8	5,4
50	4,4	4,8	5,2	5,8
60	4,8	5,2	5,6	6,2
80	5,6	6,0	6,4	7,0
100	6,4	6,8	7,2	7,8
120	7,2	7,6	8,0	8,6
150	8,4	8,8	9,2	9,8

• Valori in Nero: Stati Limite Ultimo
 • Valori in Rosso: Stati Limite di Esercizio (freccia = 1/200 Luce)

• Values in Black: Ultimate Limit States
 • Values in Red: Serviceability Limit States (deflection = 1/200 span)