

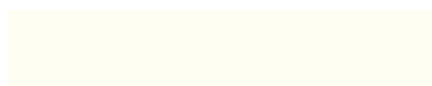
Designation	Topcover Deck.
Description	Insulation panel with a metal sheet on the inside and a flexible sheet on the outside, joined by a rigid polyurethane foam core.
Application	Panel for deck application on flat roofs, with a minimum slope of 3%, with an exterior face made of bituminous felt cardboard.
Dimensions*	Thicknesses: 30-40-50-60-80-100 mm ±2 mm Width: 1000 mm ±2 mm Length: 4,00 – 18,00 m ±10 mm
Metallic support	Steel grade S250GD, EN 10346 Organic coating lacquered coils: EN 10169+A1 Thicknesses: 0,5-0,6-0,7 mm
Insulated core	Polyurethane (PUR) Thermal conductivity: 0,020 W/m °C Density: 40 kg/m ³ Reaction to fire: F
Coating	Bituminous felt cardboard on the external side. 25 µm polyester paint on the internal side.

**Tolerances according to EN 14509
 W/m K = W/m °C | W/m² K = W/m² °C*

Color range

The colors displayed in the catalog meet our standards as accurately as possible. However, minor variations are inevitable, which is why we recommend that you always perform a color test using an actual sample.

RAL 9010 Pure white



RAL 9006 White aluminium



RAL 9004 Signal black



RAL 7022 Umbra grey



RAL 7016 Anthracite grey



RAL 7012 Basalt grey



RAL 6005 Moss green



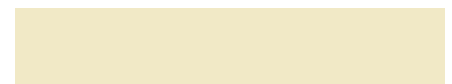
RAL 5010 Gentian blue



RAL 3009 Oxide red



RAL 1015 Light ivory



Thermal behavior and weights

Thickness	mm	30	40	50	60	80	100
Thermal transmittance, U (EN 14509 A.10)	W/m ² °C	0,58	0,46	0,38	0,33	0,25	0,20
Weight (Steel sheet Thickness 0,5)	Kg/m ²	6,0	6,4	6,8	7,2	8,0	8,7
Weight (Steel sheet Thickness 0,6)	Kg/m ²	7,4	7,8	8,2	8,6	9,4	10,2
Weight (Steel sheet Thickness 0,7)	Kg/m ²	8,4	8,8	9,2	9,6	10,4	11,2

W/m K = W/m °C | W/m² K = W/m² °C

Load/Span tables

Steel sheet | Thicknesses 0,5/0,6/0,7

Simple span conditions

Thickness	Load	Uniformly distributed loads [kN/m ²] Span L [m]											
		1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	
0,5	▲	2,64	2,10	1,48	1,08	0,75	0,39						
	▼	2,64	1,97	1,39	1,03	0,79	0,63	0,51	0,42	0,35			
0,6	▲	3,92	3,11	2,15	1,57	1,12	0,65	0,35					
	▼	3,92	2,61	1,85	1,38	1,07	0,85	0,69	0,57	0,48	0,41	0,35	
0,7	▲	5,43	4,18	2,89	2,11	1,49	0,91	0,54					
	▼	4,98	3,31	2,35	1,76	1,37	1,09	0,89	0,74	0,62	0,53	0,46	

▲ Ascending load ▼ Descending load

Multiple span conditions

Thickness	Load	Uniformly distributed loads [kN/m ²] Span L [m]											
		1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	
0,5	▲	2,10	1,67	1,39	1,03	0,79	0,63	0,51	0,42	0,33			
	▼	2,10	1,67	1,39	1,08	0,81	0,64	0,51	0,41	0,34			
0,6	▲	3,13	2,49	1,85	1,38	1,07	0,85	0,69	0,57	0,48	0,33		
	▼	3,13	2,49	2,07	1,57	1,19	0,93	0,75	0,61	0,51	0,43	0,36	
0,7	▲	4,34	3,31	2,35	1,76	1,37	1,09	0,89	0,74	0,62	0,51	0,32	
	▼	4,34	3,46	2,88	2,11	1,61	1,26	1,01	0,83	0,69	0,58	0,50	