

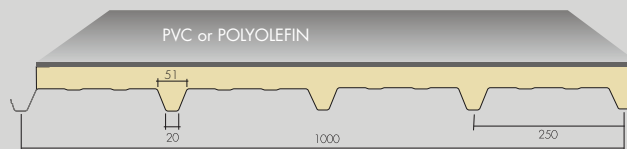
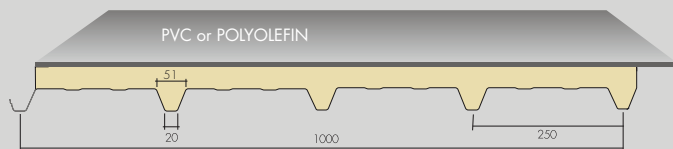


MONO DECK®

FOR FLAT ROOFS

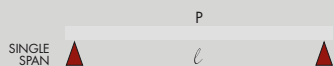
The MONO DECK® panel has a 1.2 or 1.5 mm upper backing made of PVC or POLYOLEFIN (to be specified when ordering), which is resistant to weather and UV rays. These membranes coupled with non-woven polyester geotextile compose the upper side of the MONO DECK® panel. The surface is certified with a BBA Agreement Certificate

(durability of the coating of 30 years). This product offers credits for LEED certification purposes. The panel is supplied with a lateral selvedge of about 60 mm to be welded in place.



Static properties (kg/sq.m.)

INTERNAL facing:
Prepainted zinc-plated steel
EXTERNAL facing:
PVC-P



SHEET METAL THICKNESS (mm)	1	1.25	1.5	1.75	2	2.25	2.5	2.75	3	3.25	3.5
0.5	495	322	224	164	126	93	68				
0.6	595	381	265	195	148	111	81	61			
0.8	795	508	353	259	198	149	108	81	63	49	
1	995	645	441	324	248	187	135	101	78	62	50

*p = Kg/sq.m. evenly distributed
Normal deflection limit: 1/200 l*

Effective span width:
120 mm



INTERNAL facing:
Prepainted zinc-plated steel
EXTERNAL facing:
PVC-P

SHEET METAL THICKNESS (mm)	1	1.25	1.5	1.75	2	2.25	2.5	2.75	3	3.25	3.5
0.5	644	417	279	205	158	126	101	83	66	52	
0.6	744	476	330	243	186	147	119	97	78	62	49
0.8	994	636	441	323	248	195	159	130	105	82	66
1	1241	794	551	405	310	245	197	164	130	102	83

*p = Kg/sq.m. evenly distributed
Normal deflection limit: 1/200 l*

Effective span width:
120 mm

WEIGHT table (Kg/sq.m.)

SHEET METAL THICKNESS (mm)	Thickness (mm)						
	30	40	50	60	80	100	120
0.5	5.45	5.83	6.21	6.59	7.35	8.11	8.49
0.6	6.41	6.79	7.17	7.55	8.31	9.07	9.45
0.8	8.32	8.70	9.08	9.46	10.22	10.98	11.36
1	10.24	10.62	11.00	11.38	12.14	12.90	13.28

U Transmittance	Thickness (mm)						
	30	40	50	60	80	100	120
W/sq.m. K	0.71	0.55	0.44	0.37	0.28	0.22	0.19
Kcal/sq.m. h °C	0.61	0.47	0.38	0.32	0.24	0.19	0.16