

STATIC PROPERTIES

NOMINAL THICKNESS	WEIGHT	MAX MOMENT IN THE SPAN	MAX MOMENT AT THE SUPPORT	I	W
mm	kg/m ²	kg.m	kg.m	cm ⁴	cm ³
40	11,92	0,42	2,37	6,90	4,00
60	12,72	0,30	3,28	9,20	5,30
80	13,52	0,24	4,19	11,80	6,80

SPAN TABLE

LOAD kg/m ²	THICKNESS mm	PURLIN SPACING m				PURLIN SPACING m			
		DEFLECTION				DEFLECTION			
		L/150	L/200	L/250	L/300	L/150	L/200	L/250	L/300
60	40	2,31	2,10	1,95	1,84	3,10	2,82	2,61	2,46
70	40	2,20	2,00	1,85	1,74	2,93	2,67	2,48	2,34
80	40	2,10	1,91	1,77	1,67	2,74	2,56	2,38	2,23
90	40	2,02	1,84	1,70	1,60	2,58	2,46	2,28	2,15
100	40	1,95	1,77	1,64	1,55	2,45	2,38	2,20	2,08
110	40	1,89	1,72	1,59	1,50	2,34	2,30	2,14	2,01
120	40	1,84	1,67	1,55	1,46	2,24	2,23	2,08	1,95
130	40	1,79	1,62	1,51	1,42	2,15	2,15	2,02	1,90
140	40	1,74	1,58	1,47	1,38	2,07	2,07	1,97	1,85
150	40	1,70	1,55	1,44	1,35	2,00	2,00	1,93	1,81

STANDARD MODELS

length of tile: 350mm minimum roof pitch: 8° useful width: 1,100mm	
length of roofing sheet: from 2,100mm to 8,400mm * end lap: 100mm (optional: 150 and 200mm)	
OUTER SHEET substrate coating 275gr/m ² zinc	profile type: roof-tile profile thickness: 0.70mm (covering included) finish: plastisol 200µ HP (standard colours *)
INNER SHEET substrate coating 275gr/m ²	profile type: eurobox finish: interior coating 15µ white
INSULATION PIR	density: 45kg/m ³ fire rating: LPC lambda-value: 0,022W/m.K standard thickness: 40mm optional thicknesses: 60 80mm for orders less than 100m² : CALIBRATION COSTS