

Covering panel in steel sheet with internal perforated sheet and mineral wool sound insulated core. Can be used in industrial, commercial and civil structures requiring good thermal and sound insulation as well as good fire resistance.

### Certifications

$\alpha_w$  1.0

#### Sound absorption

up to  $\alpha_w$  1.0 (50 mm) in compliance with ISO 354

$R_w$  34

#### Sound insulation

up to  $R_w$  34dB in compliance with ISO 140-3

### Use and specifications



Acoustic comfort

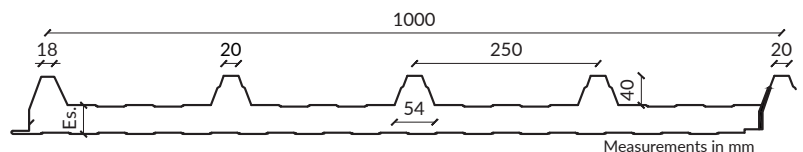


Fast assembly



Industrial covering

Technical drawing



% Micro locked sheet

15%

holes diameter

3 mm

Holes step

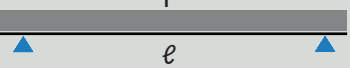
5 mm

#### Reference measurements\*:

Width.	Length.	Thickness.
1000 mm	up to 11900mm	from 50 mm to 200 mm

Size can be customised to prevent cuts and adjustments.

\* The Insulation Roof\* product is manufactured by third parties and supplied by Panurania who, in addition to its own products, has a network of qualified partners to always guarantee its customers the best solutions.

panel thickness (mm)	nominal thickness		panel weight (Kg/m <sup>2</sup> )	efficient support width: 120 mm																	transmitt. (W/m <sup>2</sup> K) EN 14509 A.10	R <sub>w</sub> (dB)
	external steel sheet (mm)	internal steel sheet (mm)		$P = \text{Kg/m}^2$ $\ell = \text{cm}$ 																		
				$\ell$	150	175	200	225	250	275	300	325	350	375	400	425	450	475	500			
50	0.60	0.50	14.2	P	215	180	160	140	125	110	90	75	60	50							0.77	33
60	0.60	0.50	15.2	P	245	210	180	160	140	130	110	100	90	70	50						0.64	-
80	0.60	0.50	17.2	P	295	250	215	190	170	150	140	130	120	95	85	75	65	60	50		0.49	34
100	0.60	0.50	19.2	P	330	280	240	215	190	175	160	145	130	120	100	95	85	75	65		0.40	33*
120	0.60	0.50	21.2	P	345	295	255	220	200	180	165	150	135	125	120	110	100	95	90		0.33	
150	0.60	0.50	24.2	P	350	300	260	225	205	185	170	155	140	130	125	115	105	100	95		0.27	
200	0.60	0.50	29.2	P	365	310	265	230	210	190	175	160	145	135	130	120	110	105	100		0.20	

\* with 5/10 steel sheet

### Assembly

