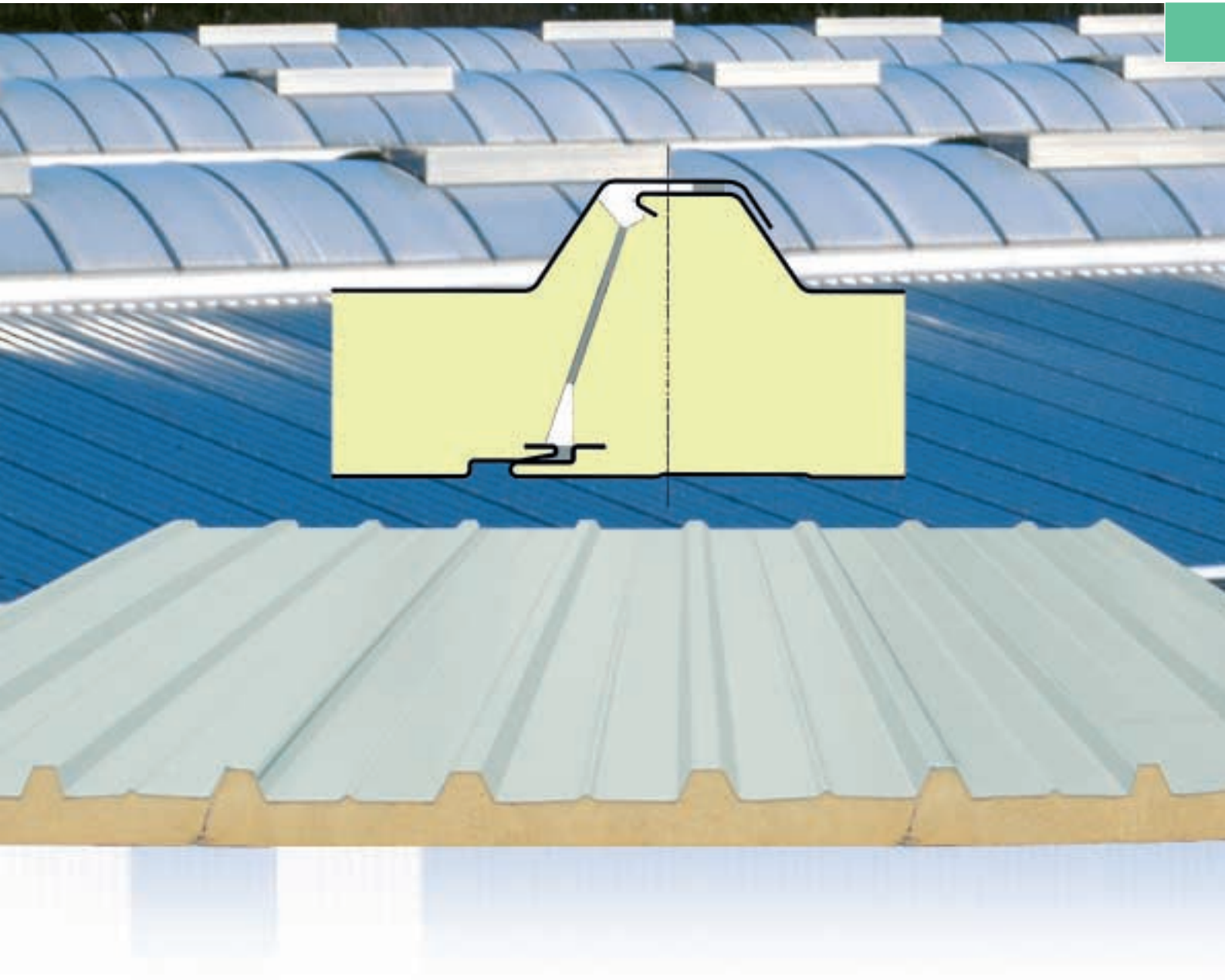


Hoesch Thermodach

The economic sandwich roofing element fastened with throughbolts.



A company
of ThyssenKrupp
Steel

ThyssenKrupp Bausysteme



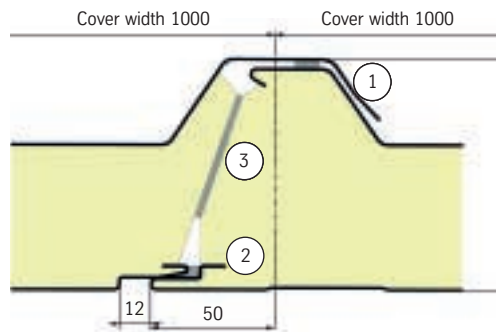
ThyssenKrupp

Hoesch Thermodach

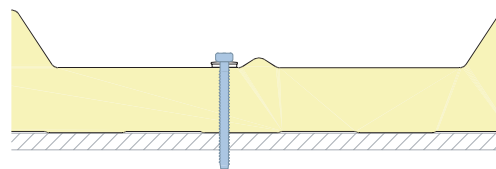
Excellent structural values and outstanding heat insulation characteristics. Easy and rapid installation.

Product properties:

- Optimised joint geometry assures easy and rapid installation
- Vapour-tight inner steel sheet
- Joint sealing with the **triplex system**:
 1. External sealing against penetrating surface water
 2. Internal sealing for completion of the vapour barrier
 3. Sealing strip applied to the foam layer during production to compensate for tolerances
- Low weight combined with good load-bearing properties achieved by 3-rib design of cover sheet
- Large delivery range
- Nominal element thickness 75, 95, 115 and 130 mm
- Core material free from HCFC and Freons
- Easy laying without need for a pressing device.



Longitudinal joint design



Throughbolts in the lower flange



Designation of building element	Element thickness element d mm	Material thickness ¹⁾		Max. length supplied m	Weight kg/m ²	Thermal resistance R* m ² K/W	Heat transfer coefficient U* W/m ² K	Thermal resistance R ₀ ** dB	Heat transfer coefficient U**
		outer sheet t _N mm	inner sheet t _N mm						
Hoesch Thermodach	75	0.50	0.40	24	9.9	1.89	0.49	1.85	0.56
	95				10.7	2.78	0.34	2.75	0.38
	115				11.5	3.66	0.26	3.65	0.29
	130				12.1	4.32	0.22	4.30	0.24

¹⁾ Other material thicknesses for steel cover sheets on request
* calculating acc. to EN ISO 6946

Officially approved, certificate no. Z-10.4.-345
** calculating acc. to EN 13 165 taking account of the joints acc. to EN 14 509

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