

Hoesch isowelle® Roof

Sandwich elements for sloping roofs



A company
of ThyssenKrupp
Steel

ThyssenKrupp Bausysteme



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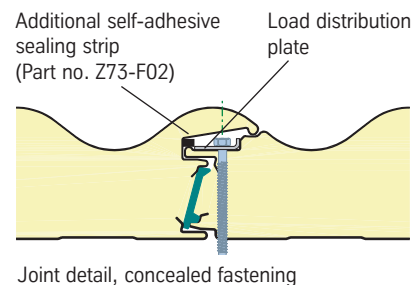
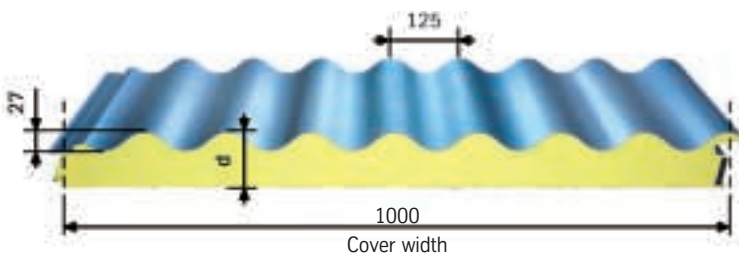


Benefits:

- Rapid erection
- High thermal insulation
- Corrugated outer surface
- Standard flashings available, special flashings on request
- Available in lengths of up to 20 m
- GALFAN® surface protection under the colour coating

Installation:

- Insert additional self-adhesive sealing strip (Part no. Z73-F02) into the longitudinal joint on site
- Note the minimum roof slope $\geq 10^\circ$
- For installing Hoesch isowelle® Roof we recommend to use our pressing-on devices (Part no. Z43-113)



Designation of building element	Element thickness d	Material thickness		Max. length supplied	Weight	Thermal resistance R*	Heat transfer coefficient U*	Thermal resistance R _D **	Heat transfer coefficient U**
		outer sheet t _N	inner sheet t _N						
Hoesch isowelle® Roof	mm								
	64	0.60	0.75	20	14.5	2.11	0.44	2.10	0.51
	84				15.3	2.98	0.32	2.95	0.36
104	16.1				3.85	0.25	3.85	0.27	

* calculation acc. to EN ISO 6946
 ** calculation acc. to EN 13 165 taking account of the joints acc. to EN 14 509

Coatings and colours:

- Standard colours available in PVDF and polyester
- Wrinkle colours on request
- For quantities > 600 m² all colours are available
- Delivery time and conditions on request

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