

# isodach integral®

The future-orientated roofing system.  
To meet the most exacting demands.

From March 2005  
with new Triplex  
joint design



A member  
of ThyssenKrupp  
Steel

**ThyssenKrupp Hoesch Bausysteme**



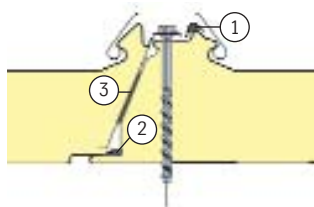
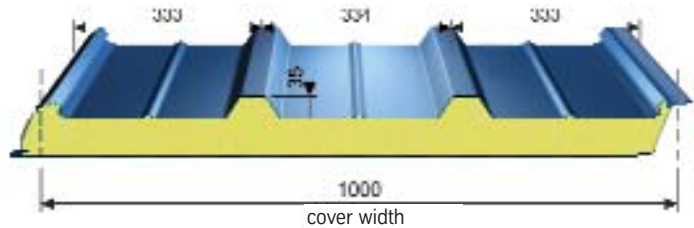
ThyssenKrupp

# isodach integral®

The easy-to-install roofing system with concealed fastening. Also suitable for roofing refurbishment.

Product properties:

- Fastening without penetrating the roof skin, i.e. no drilling chips on the outside sheet
- Cover sheets made from GALVALUME® or GALFAN® plus coating
- Almost maintenance-free and keeping its value
- PUR core providing excellent thermal insulation
- Short installation time
- Alternative material for cover sheets on request
- Outside sheet trapezoidally profiled, inside sheet slightly profiled
- Officially approved, certificate no. Z-10.4-345
- Low weight combined with good load-bearing properties achieved by 3-rib design of cover sheet



Joint detail, concealed fastening

The specification of isodach integral® has been revised. From March 01, 2005 it will be supplied with the Triplex system.

Your benefits:

- Fastening without penetrating the visible roof skin, as before
- Optimised joint geometry assures easy and rapid installation
- Easy laying without need for a pressing device

- Low project costs thanks to the short installation time
- All element thicknesses of 75, 95 and 115 mm, available as before
- Joint sealing with the Triplex system:
  1. External sealing against penetration by 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

Designation of building part	Overall thickness d mm	Material thickness outside steel face $t_N$ mm	Material thickness inside steel face $t_N$ mm	Max. length supplied m	Weight kg/m <sup>2</sup>	Thermal resistance R m <sup>2</sup> K/W	Heat transfer coefficient U W/m <sup>2</sup> K	Weighted sound reduction index $R_w$ dB
isodach integral®	75	0,50	0,40	24	10,1	1,74	0,52	25
	95				11,0	2,56	0,37	
	115				11,9	3,37	0,28	

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