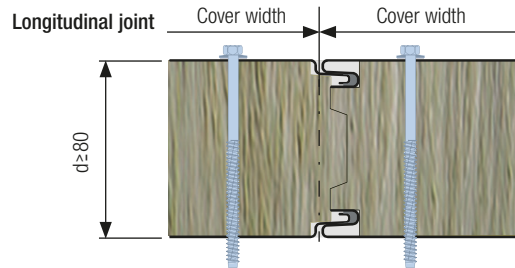
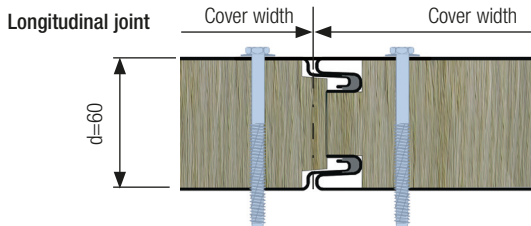
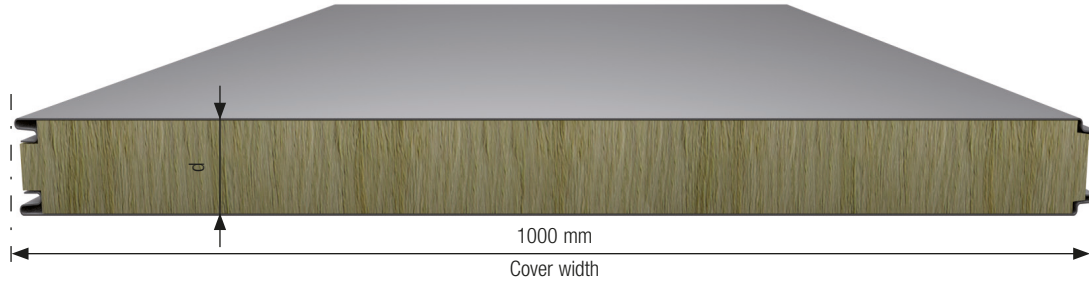


Cross section



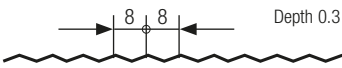

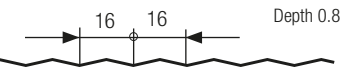

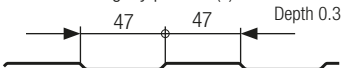




Product	Type	Element thickness d mm	Material thickness		Max. length supplied m	Weight kg/m ²	Thermal resistance	Heat transition coefficient	Thermal resistance	Heat transition coefficient
			Outside t _{Na} mm	Inside t _{Ni} mm			In accordance with EN ISO 6946 R m ² K/W	U W/(m ² K)	gemäß EN 13162 und EN 14509 mit Fugeneinfluss* R m ² K/W	U W/(m ² K)
Hoesch isorock®	S1	60	0,50 0,75	0,50 0,75	16,0 16,0	14,7 18,9	1,34	0,66	1,30	0,72
		80			16,0 16,0	16,9 21,1	1,80	0,51	1,80	0,54
		100			16,0 16,0	19,1 23,3	2,25	0,41	2,25	0,43
		120			16,0 15,4	21,2 25,4	2,70	0,35	2,70	0,36
		150			16,0 13,6	24,5 28,7	3,39	0,28	3,35	0,29
		175*			14,4 12,5	27,2 31,4	3,95	0,24	3,95	0,25
		200*			14,1 11,5	29,8 34,0	4,52	0,21	4,50	0,22
	S2	60	0,50 0,75	0,50 0,75	16,0 16,0	16,2 20,4	1,26	0,70	1,25	0,76
		80			16,0 16,0	18,8 23,0	1,68	0,54	1,65	0,57
		100			16,0 15,2	21,5 25,7	2,11	0,44	2,10	0,46
		120			16,0 13,8	24,1 28,3	2,53	0,37	2,50	0,38
		150			13,9 12,1	28,1 32,3	3,17	0,30	3,15	0,31
		175*			12,4 11,0	31,4 35,7	3,70	0,26	3,70	0,26
		200*			11,3 10,1	34,6 38,8	4,23	0,23	4,20	0,23

Note: * Element thickness on request

EN standards need to be applied in the legally valid form specific to each country.

The data above shows what is technically possible.

To see the range of product versions which can be delivered, please visit the website www.hoesch-bau.com or contact your complete sales partner.

Cover sheet profiling	Outer sheet	Inner sheet	
Micro-profiled (M)  Depth 0.3	■		
V-profiled (V)  Depth 0.8	■		
Slightly profiled (L)  Depth 0.3	■	■	
Flat (E) 	●	●	
Maxi-Mikro (B)  Tiefe ~ 1,0 mm	■		

Nominal dimensions in mm, tolerances in accordance with works specifications.

■ Available ● On request

Lengths supplied: 2 m to 16 m (the maximum length depends on the element thickness and the type of mineral wool used - see table on page 1)
Lengths below 2 m on request

Packaging: Standard packaging according to works specification; special packaging on request

Material: Cover sheets:
Quality flat steel S280 GD (S320 GD and S350 GD on request) with metallic coating in accordance with EN 10326. Surface finish using various coating systems and multiple layers e.g. of the Evoshine® brand. Special coating systems and alternative cover sheets for special applications on request.
(Minimum quantity 600 m²)
Insulation core:
Rockwool core with a minimum density of 100 kg/m³ (S1) resp. 125 kg/m³ (S2).

Building material classification: A2-s1, d0 (for all applications) in accordance with EN 13501-1

Fire resistance class: For current fire resistance classes, please go to: www.hoesch-bau.com

Sound protection: Rw = 32 dB

Conformity: According to EN 14509

Approval: General approval Z-10.49-584 for Germany (approval for use) issued by the building inspection authorities.

Quality assurance: Our products are subject to the IMA-Dresden quality directives, as per certificate no. NY21SIH.

Sustainability: For all sandwich panels with rigid foam insulation cores is the environmental product declaration available (Environmental Product Declaration EPD) as well as the BREEAM®-certification ENP497/ap-at.

Installation: The installation recommendation to be found in the download area. We recommend for the installation of large-size panels the vacuum lifters of the Company Viavac and Company Wirth.

Product guarantee: In accordance with our guarantee conditions, we guarantee more than 30 years protection for the steel cores of our cover sheets.

Ordering example:	Outer sheet	Inner sheet	Element thickness	Element version	Fire protection
Hoesch isorock®	V = V-profiled	L = Slightly profiled	100 = 100 mm	N = visible fastening	S1 S2

Note: EN standards need to be applied in the legally valid form specific to each country.