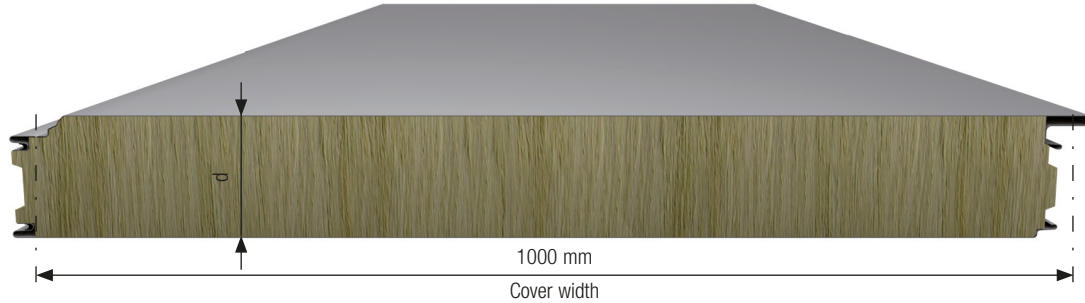


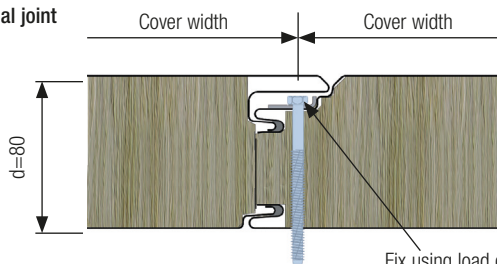
# HOESCH ISOROCK® VARIO

## TECHNICAL DATA

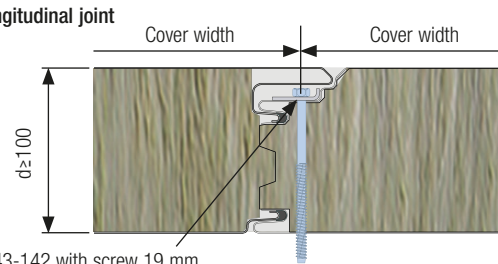
### Cross section



### Longitudinal joint



### Longitudinal joint



Fix using load distribution plate Z43-142 with screw 19 mm washer as per structural requirements.

Product	Type	Element thickness d mm	Material thickness		Max. length supplied m	Weight kg/m <sup>2</sup>	Thermal resistance	Heat transition coefficient	Thermal resistance	Heat transition coefficient
			0,50 <sup>1)</sup> 0,75	0,50 0,75			In accordance with EN ISO 6946		In accordance with EN 13162 and EN 14509 with joint influence	
R m <sup>2</sup> K/W	U W/(m <sup>2</sup> K)	R m <sup>2</sup> K/W			U W/(m <sup>2</sup> K)					
Hoesch isorock® vario	S1	80	0,50 <sup>1)</sup> 0,75	0,50 0,75	16,0 16,0	17,5 22,0	1,80	0,51	1,80	0,56
		100			16,0 16,0	19,7 24,2	2,25	0,41	2,25	0,44
		120			16,0 15,0	21,9 26,4	2,70	0,35	2,70	0,37
		140*			16,0 13,9	24,1 28,6	3,16	0,30	3,15	0,32
		150			15,7 13,4	25,2 29,7	3,39	0,28	3,35	0,29
		175*			14,2 12,2	27,9 32,4	3,95	0,24	3,95	0,25
		200*			12,9 11,3	30,7 35,2	4,52	0,21	4,50	0,22
		S2			80	0,50 <sup>1)</sup> 0,75	0,50 0,75	16,0 16,0	19,4 23,9	1,68
	100	16,0 14,9	22,1 26,6	2,11	0,44			2,10	0,47	
	120	16,0 13,5	24,8 29,3	2,53	0,37			2,50	0,39	
	140*	14,4 12,4	27,5 32,0	2,96	0,32			2,95	0,34	
	150	13,7 11,9	28,8 33,3	3,17	0,30			3,15	0,31	
	175*	12,3 10,8	32,2 36,7	3,70	0,26			3,70	0,27	
	200*	11,2 9,9	35,6 40,1	4,23	0,23			4,20	0,24	

**Note:** <sup>1)</sup> Only in sheet thickness for E- and L- profiled \* Element thickness on request

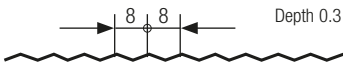

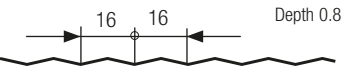
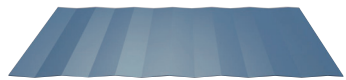
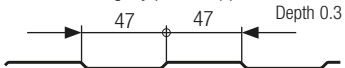



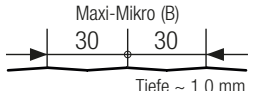
EN standards need to be applied in the legally valid form specific to each country.

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](http://www.hoesch-bau.com) or contact your complete sales partner.

# HOESCH ISOROCK® VARIO

## TECHNICAL DATA

Cover sheet profiling	Outer sheet	Inner sheet	
Micro-profiled (M) 	■		
V-profiled (V) 	■		
Slightly profiled (L) 	■	■	
Flat (E) 	●	●	
Maxi-Mikro (B) 	■		

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 m<sup>2</sup>)  
 Insulation core:  
 Rockwool core with a minimum density of 100 kg/m<sup>3</sup> (S1) resp. 125 kg/m<sup>3</sup> (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](http://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® vario	V = V-profiled	L = Slightly profiled	100 = 100 mm	V = Vario	S1 S2

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