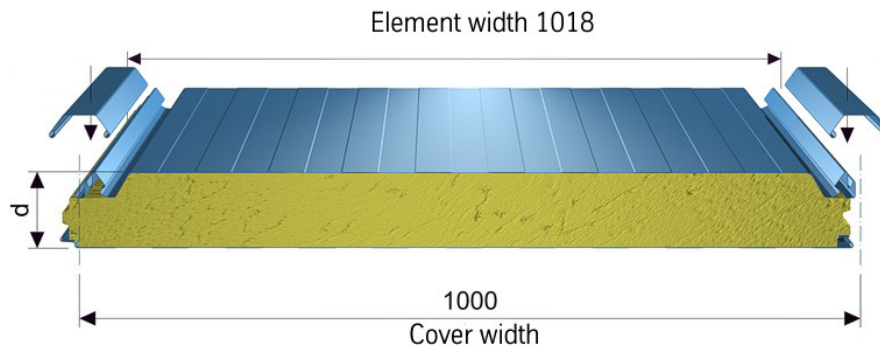


## isorock integral® D Technical Data



## isorock® integral D



Designation of building element	Typ	Element thickness d	Material thickness		max. length supplied	weight	Thermal resistance R*	Heat transfer coefficient U*	Thermal resistance R <sub>D</sub> **	Heat transfer coefficient U**
			Outer sheet t <sub>N</sub>	Inner sheet t <sub>N</sub>						
		mm	mm	mm	m	kg/m <sup>2</sup>	m <sup>2</sup> K/W	W/m <sup>2</sup> K	m <sup>2</sup> K/W	W/m <sup>2</sup> K
Hoesch isorock® integral D	D1	95	0,50 0,75	0,50 0,75	18,0 17,8	18,0 22,5	2,19	0,42	2,15	0,46
		115			18,0 16,3	20,0 24,5				
		135			18,0 15,1	22,0 26,5				
		155			16,7 14,0	24,0 28,5				
Hoesch isorock® integral D	D2	95	0,50 0,75	0,50 0,75	18,0 16,1	20,3 24,8	2,09	0,44	2,05	0,48
		115			17,6 14,7	22,8 27,3				
		135			15,8 13,4	25,3 29,8				
		155			14,4 12,4	27,8 32,3				

Other element thickness or other material combinations on request

\* calculating acc. to EN ISO 6946

\*\* calculating acc. to EN 13162 taking account of the joints acc. to EN 14 509

**Weighted sound reduction index R<sub>w</sub> = 29 dB.**

Profiling of cover sheets	Outer sheet	Inner sheet
Microprofiled (M)	X	
With Vee profile (V)	X	
Slightly profiled (L)	X	X
Flat (E)		■

X= available / ■= on request

**Fire resistance**

Building material category A2-s1, d0 to EN 13501-1 – „non combustible“