


Brand of Sales Hoesch

Fire resistance classes for use as wall elements																	
 Product	Fire resistance class		max. span [m]						Type	Element thickness (D) [mm]	required cover shell thickness¹⁾ (t _{nom}) [mm]		Certificate / Test report				
			Option 1 (in accordance with EN 14 509 and EN 1364-1)			Option 2 (in accordance with EN 15 254-5 *)					orientation: v = vertical h = horizontal			orientation: v = vertical h = horizontal			
			partition	external wall	≤ 4,00	v h		≤ 6,00			v h			S1-02	≥ 120	0,40 bis 0,80	0,40 bis 0,80
						v h	v h										
Hoesch isorock HP	EN 13501-2	EI 60	EI 60 (o ↔ i)	≤ 4,00		X	≤ 6,00		X	S1-02	≥ 120	0,40 bis 0,80	0,40 bis 0,80	FIRES-CR-197-19-AURE			
		EW 60	EW 60 (o ↔ i)			X			X								
		EI 45	EI 45 (o ↔ i)	≤ 4,00		X	≤ 7,50		X	S1-02							
		EW 45	EW 45 (o ↔ i)			X			X								

¹⁾ min. and max. cover sheet thickness. Outside the tolerance range no fire resistance class of the elements.

* EN 15254-5, Extended application of results from fire resistance tests for wall