



Fire resistance classes for use as wall elements																
 Product	Fire resistance class		max. span [m]						foam system	Element thickness (D) [mm]	required cover shell thickness ¹⁾ (t _{nom})		Certificate / Test report	comments		
			Option 1 (in accordance with EN 14 509 and 1364-1)			Option 2 (in accordance with EN 15 254-5 *)									outside	inside
			partition	external wall	orientation: v = vertical h = horizontal		orientation: v = vertical h = horizontal									
					v	h	v	h			v	h				
Hoesch isowand vario 	EN 13 501-2	EI 30	EI 30 (o↔i)	≤ 4,0	X				IPN 3	≥ 140	0,55 to 0,95	0,55 to 0,95	FIRES-CR-163-18-AURE / FIRES-CR-164-18-AURE /	Please note the longitudinal joint construction according to classification report!		
		EW 30	EW 30 (o↔i)		X											
		EI 30	EI 30 (o↔i)	≤ 4,0		X			IPN 3	0,55 to 0,95	0,40 to 0,80	FIRES-CR-112-18-AURE / FIRES-CR-113-18-AURE /	Please note the longitudinal joint construction according to classification report!			
		EW 30	EW 30 (o↔i)			X										
			EI 30-ef (o→i)	≤ 4,0	X				IPN 3	≥ 100	0,40 to 0,70	FIRES-CR-146-21-NURE	Please note the longitudinal joint construction according to classification report!			
			EW 30-ef (o→i)		X											
			E 30 (o↔i)	≤ 3,0	X				IPN 3	0,55 to 0,95	0,40 to 0,80	FIRES-CR-111-18-AURE	Please note the longitudinal joint construction according to classification report!			
			EW 30 (o↔i)		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