

forsterfuego®
forsterpresto®
forsterthermfix®vario

Fire rated frames and doors

20 / 45 / 60 / 90 and 120 minutes
in steel



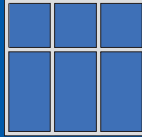

 **KAWNEER**
AN ALCOA COMPANY

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STEEL AND STAINLESS STEEL PROFILE SYSTEMS

We Speak Total Glazing Solutions



	Door 1 leaf	Door 2 leaf	Sidelights / Transoms	Curtain walls
				
	Fire resistance (barrier to radiant heat)			
	60	•*1	•*1	•*2
	90	•*1	•*1	
	120			•*2
	Fire resistance (barrier to radiant heat)			
	60			•*2
	120			•*2
	Fire protection			
	20	•*3	•*3	
	45	•*3	•*3	
	60	•*3	•*3	
	90	•*3	•*3	

- *1 Passes positive pressure test standards UL 10C, UBC 7-2 and UBC 7-4
Listed and labeled by Underwriters Laboratories ® and Underwriters Laboratories of Canada. File number for labeled 60 / 90 minute fire-rated doors is R-21835. Frame tests performed in accordance with ASTM E119, NFPA 251, UL 9, UL 10C, UBC 7-2 and UBC 7-4. Door tests performed in accordance with UL 10B, UL 10C.
- *2 Listed and labeled by Underwriters Laboratories, Inc. ® and Underwriters Laboratories of Canada. File number for labeled 60/120 minute fire-rated assemblies is R-16641. Frame tests performed in accordance with ASTM E-119, NFPA 251, UL 263, UL 9, UBC 7-2, UBC 7-4.
- *3 Listed and labeled UL and by Underwriters Laboratories of Canada. Covered under UL File No. R-21835 for frames with 20 / 45 / 60 and 90 minute ratings. Frame tests performed in accordance with UL9, NFPA 257. Door tests performed in accordance with UL 10B, UL 10C and NFPA 252.

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STEEL AND STAINLESS STEEL PROFILE SYSTEMS

in cooperation with

KAWNEER

AN ALCOA COMPANY

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