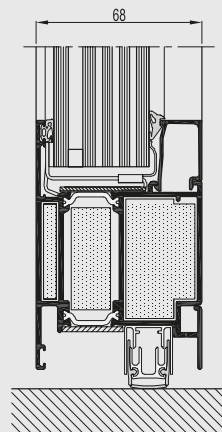
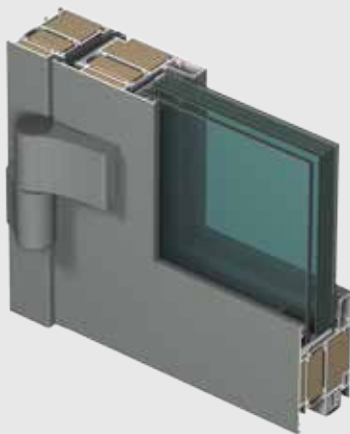




CS 77-FP

Fire resistance for great designs



Concept System® 77-Fire Proof is a high-quality flush door and partitioning system that combines elevated requirements regarding thermal insulation, stability, safety and fire resistance. This Fire Proofvariant is developed as an extension to the standard CS 77 system, providing an extensive range of solutions and performances. This includes the availability of burglar resistance, access control, panic and emergency exit functionalities and smoke tightness.

The CS 77-FP is compliant with EU regulations and EI30 and EI60 classification for fire resistance. The performance is defined by directly exposing the construction to fire in order to determine the stability, thermal insulation and radiation insulation over a certain amount of time.

To ensure proper compliance with the EN standards and acceptance by the different internationally recognized laboratories, the Reynaers' Fireproof system has been tested throughout Europe. These tests have been performed with different glass and hardware suppliers, resulting in the widest range of approved solutions.



CS 77-FP DOORS

The extended range of approved CS 77-FP flush doors is available for all inward and outward opening types. This is realised with a full range of door locks and hinges to meet every kind of locking demand, from standard single point locks, over motorised multi-point locks, up to fully integrated solutions in building management systems. These doors can be used in different compositions and in combination with fixed glazing.

Both single and double leaf doors are available up to a maximum door leaf size of 1.3 by 2.75m.

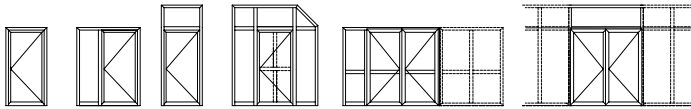
EI30



EI60



Approved configurations (available for inside and outside opening)



CS 77-FP GLAZED PARTITION WALLS / FIXED WINDOW ELEMENTS

EI30

Maximum element height of 4.4m
Maximum glass surface* of 6.85m²

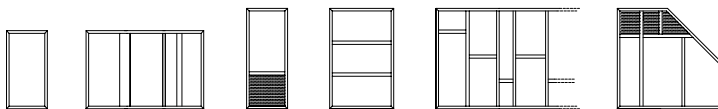


EI60

Maximum element height of 3.8m
Maximum glass surface* of 4.45m²



Approved configurations



* depending on the glass configuration

PERFORMANCES / TECHNICAL CHARACTERISTICS

		CS 77-FP EI30	CS 77-FP EI60
	European testing standards	EN 1364-1 EN 1634-1	
	Classification standard	EN 13501-2	
	Fire resistance classification	E 30, EW 30, EI 30	EI 45, E 60, EW 60, EI 60
	Burglar resistance EN(V) 1627-1630	RC 2	RC 2
	Rebate height	25 mm	25 mm
	Glass thickness	from 15 to 52 mm	from 23 to 52 mm
	Glazing method	dry glazing with EPDM	dry glazing with EPDM
	Certified glass suppliers	Vetrotech Saint-Gobain - Contraflam Pilkington - Pyrostop AGC Glass - Pyrobel	

