



FIRE PROTECTION WALLS FIRE
BLOCK 120 TM 90EI-120 EI

EI
90/120

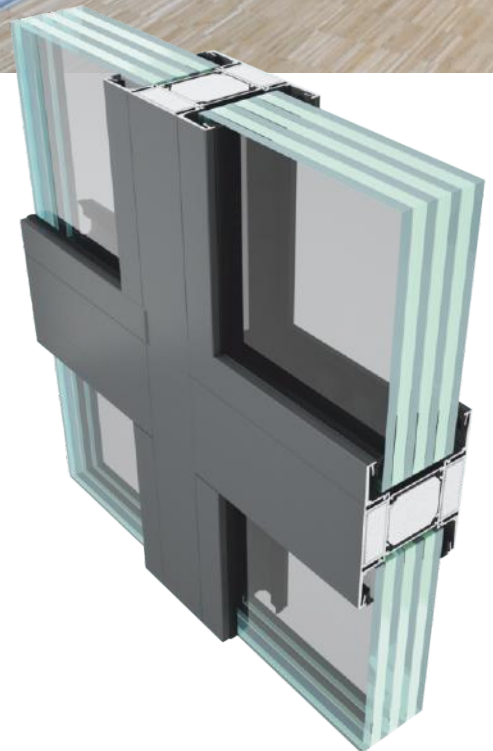
long-lasting
fire protection

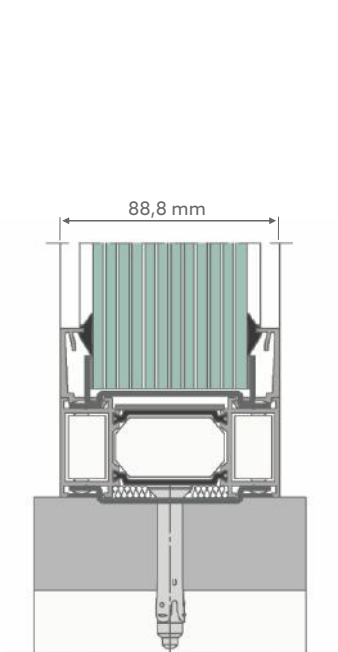


SYSTEM FEATURES

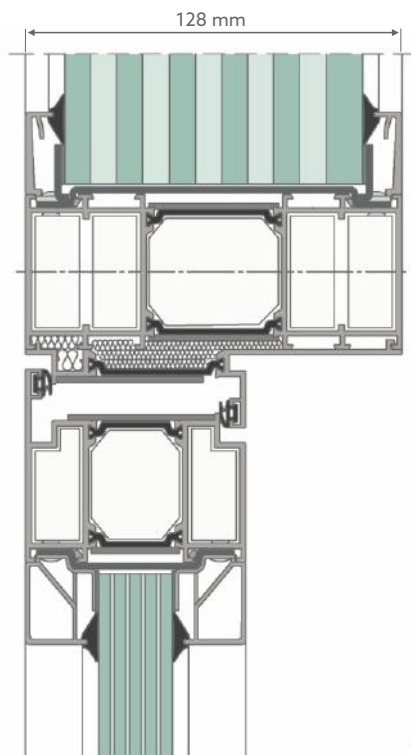
Allows for manufacturing a wide selection of fire protection partitions with fire resistance class EI 120. It is compatible with Our doors system.

The System meets the requirement of up-to-date Technical Approval. Max. dimensions of fire protection wall that may be constructed using this system are as follows: height: 4000 mm; width: 5240 mm.

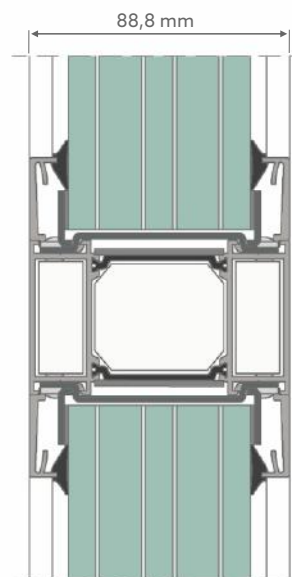




ASSEMBLY METHOD
OF CONSTRUCTION TO THE FLOOR



MULLION CROSS-SECTION
OR CROSSPIECE CROSS - SECTION



TECHNICAL PARAMETERS

Fire resistance classification	EI 120 acc. to PN-EN 13501-2
Air infiltration	class 4 acc. to PN-EN 12207
Water tightness	class 9A acc. to PN-EN 12208
Fire classification	EI 120 acc. to PN-B-02851-1, PN-EN 13501-2
Wind load resistance	class C1 acc. to PN-EN 12210
Acoustic insulation	Rw=43 dB acc. to PN-EN ISO 140-3
Heat transfer coefficient	Ur= 2,4÷2,8 W/m ² K acc. to PN-EN ISO 10077-2
Corrosion category	C1 - C4 acc. to PN-EN ISO 12944-2
Internal wall impact strength	IVb acc. to ETAG nr 003
Wall offset from vertical	10°

ADVANTAGES OF THE SYSTEM

- materials classified as NRO - fire retardants,
- thermal insulation,
- used infills are up to 100 mm thick,
- possibility of manufacturing internal walls without fire resistance properties acc. to the Technical Approval,
- possibility of installing doors in the walls.

SYSTEM CHARACTERISTICS

Minimal inwards opened window construction width visible from the outside	Frame profile	68,2 mm
Structural depth	Frame profile	88,8÷120 mm
Glazing bead height		28,0 mm
Thickness of infills / glazing		up to 100 mm