



YAWAL

**TM
90EI**

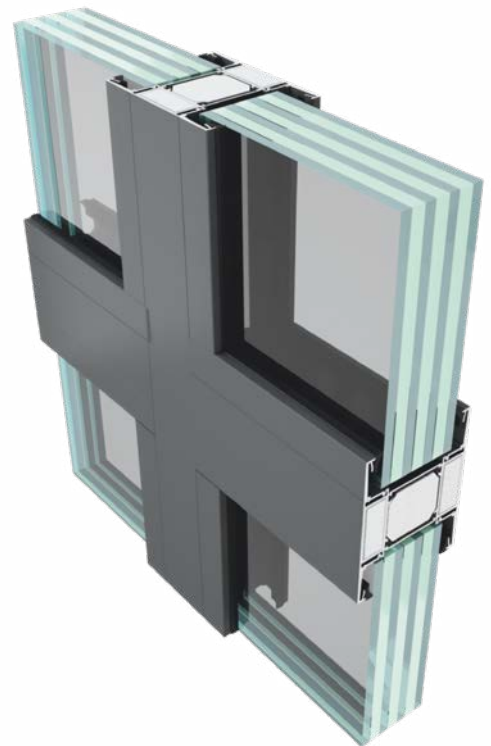
**YAWAL FIRE BLOCK 120 TM 90EI
FIRE PROTECTION WALLS**

Fire Block 120

long-lasting fire protection

TM 90EI - SYSTEM FEATURES

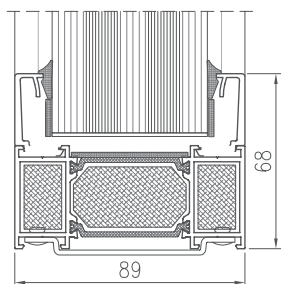
- wide range of application as indoors and outdoors partitions,
- materials classified as NRO (fire retardants),
- possibility of installing TM 75EI doors in the wall,
- possibility of using non-transparent infills of large dimensions.
- YAWAL FIRE BLOCK 120 TM 90 EI allows for manufacturing a wide selection of fire protection partitions with fire resistance class EI 120.
- It is compatible with TM 75 EI system,
- TM 90EI system meets the requirements of the National Technical Assessment ITB-KOT-2021/2010 ed.1,
- possibility of selecting glass manufacturer: Bohamet, Vetrotech Saint-Gobain.



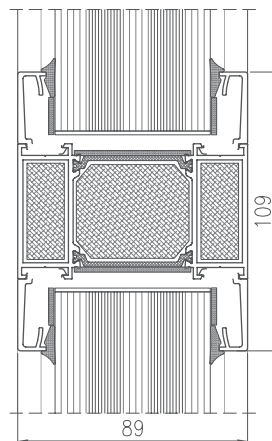
See the product
on the website

Picture: Neophilology - Silesian University, Sosnowiec
Design: Architectonic Office Taczewski, Katowice
Aluminium manufacturer: ACARI Sp. z o.o., Kraków

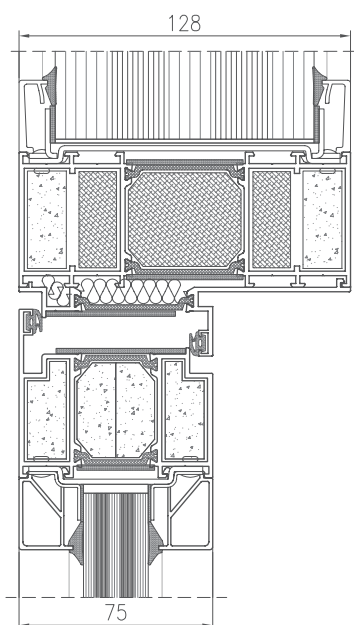
CROSS SECTION THROUGH TM 90EI 120 FIRE BLOCK WALL



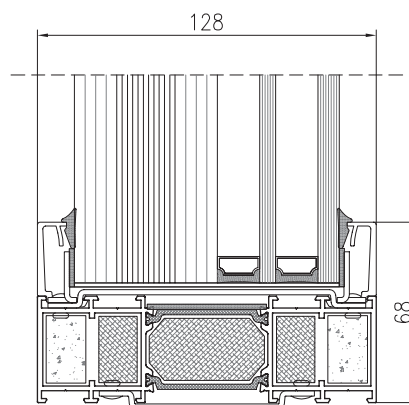
CROSS SECTION THROUGH TM 90EI 120 WINDOW



CROSS SECTION THROUGH CONNECTION OF TM 90EI 120 FIRE BLOCK WALL WITH TM 75EI SYSTEM DOOR



CROSS SECTION THROUGH TM 90EI 120 WINDOW



TECHNICAL PARAMETERS - TM 90EI

		INTERNAL AND EXTERNAL WALLS
COMFORT	Acoustic insulation EN ISO 140-3	Rw = 43 dB
	Air permeability EN 12207	Class A4
	Water tightness EN 12208	Class R7
SAFETY	Fire resistance EN 13501-2	Class 120
	Impact resistance to soft, heavy body	IVc wg EAD 210005-00-0505

TECHNICAL PROPERTIES - TM 90EI

	FIXED WINDOWS
Structural depth	88,8 / 120 mm
Infill thickness	50 ÷ 100 mm
Maximum height of fire protection wall	3948 mm

acc. to the NATIONAL TECHNICAL ASSESSMENT ITB-KOT-2021/2010 ver. 1