



FA 50N EI - SYSTEM FEATURES

FA 50N EI curtain wall is of skeleton construction consisting of mullions and transoms made of aluminium profiles.

The infills made of fireproof glass or insulation panels are fitted into the skeleton frame.

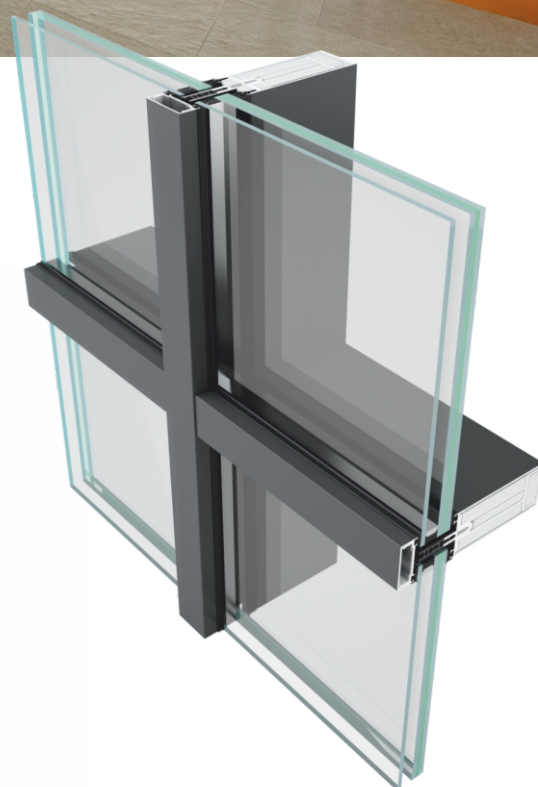
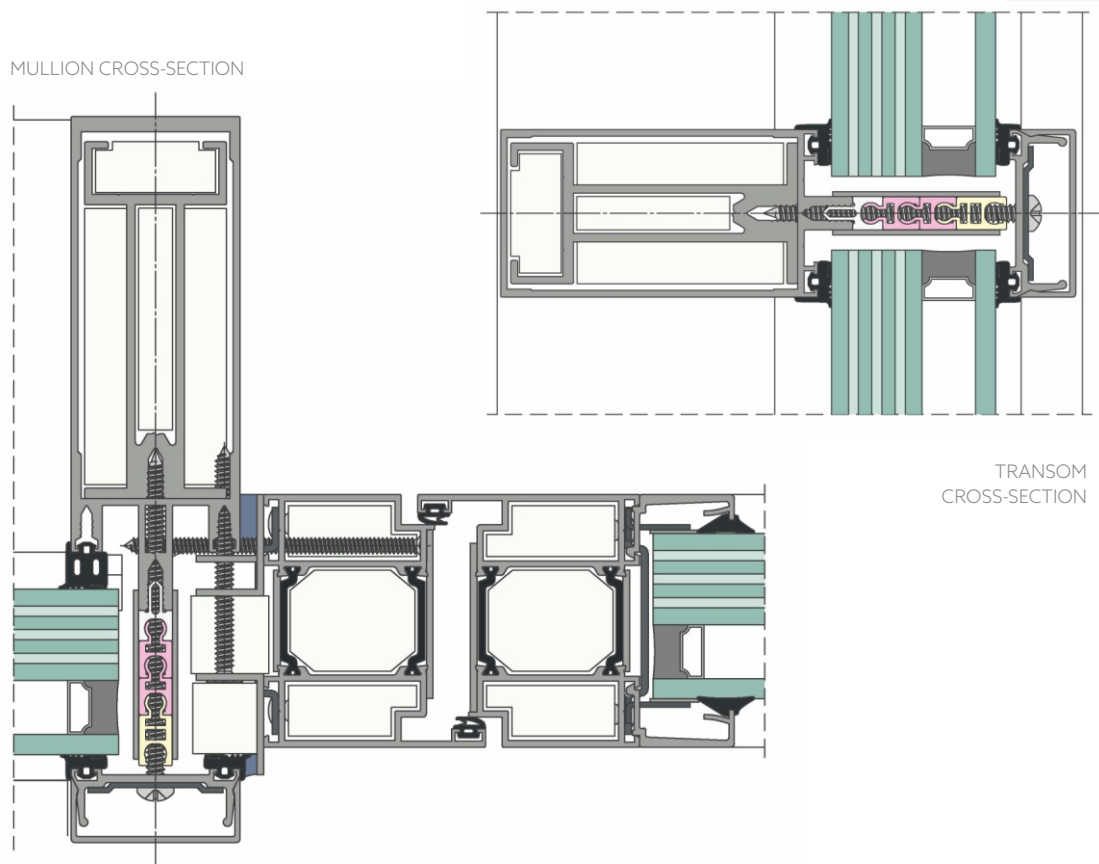


Photo: Water Heaters in Tarnów, Tarnowo Podgórne
Design: Archas Design Maciej Zuber
Aluminium manufacturer: USP Maciej Gajdziński, Poznań

ADVANTAGES OF THE SYSTEM

- possibility of creating curtain walls with various surface refractions +50/-5,
- complies with stringent fire protection standards,
- possibility of combination with fire protection systems Yawal TM 75EI.



TECHNICAL PARAMETERS - FA 50N EI

Air permeability	class AE 1500 acc. to PN-EN 12152
Water tightness	class RE 1800 acc. to PN-EN 12154
Fire classification	class EI15, EI30, EI45, EI60 acc. to PN-EN 12501-2 A1
Heat transfer coefficient	$U_f =$ from 1,2 W/m ² K acc. to PN-EN ISO 10077-2
Wind load resistance	2400 Pa acc. to PN-EN 13116
Acoustic insulation	$R_w = 31\div 44$ dB acc. to PN-EN ISO 140-3
Impact resistance	classes I5, E5 acc. to PN-EN 14019
Anti-theft protection	RC2, RC3, RC4 acc. to PN-EN 1627
Internal visible width	50 mm
External visible width	50 mm
Glazing	assembly by means of termination bars and masking strips
Glazing thickness	10÷80 mm