

FA
50N
SL



HIGH TIGHTNESS

FA 50N SL - SYSTEM FEATURES

FA 50N SL is used to create modern curtain walls of simple and complex shapes.

Its purpose is creating structures with flat external surface (no aluminium profiles visible). It combines the advantages of classic transom-and-mullion facade (quick assembly) with the aesthetic appearance of structural facade.

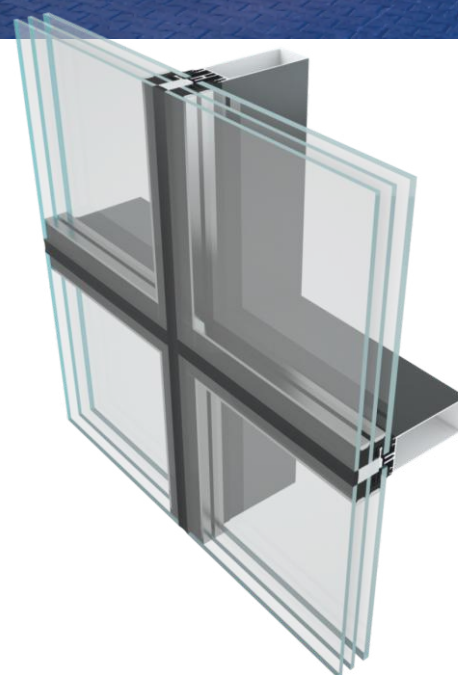
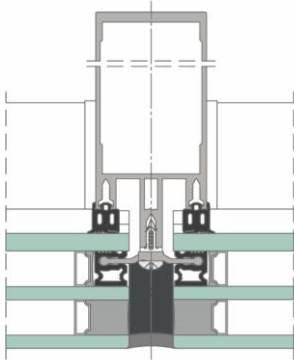


Photo: Car showroom INFINITI, Warsaw
Design: Lloyd Northover, London
Aluminium manufacturer: APS System Sp. j., Częstochowa

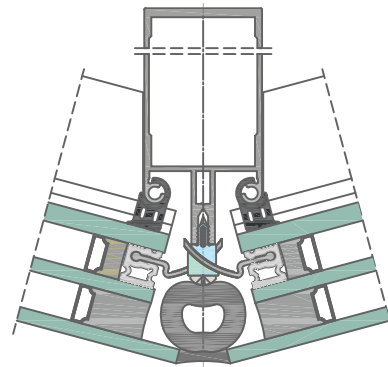
ADVANTAGES OF THE SYSTEM

- allows for creating constructions of various shapes (turns, bends, polygonal shapes),
- possibility of profile bending,
- excellent tightness and aesthetic appearance,
- quick and easy assembly,
- possibility of installing tilt or parallel sliding windows next to each other, the windows are opened independently,
- possibility of combination with other Yawal systems.

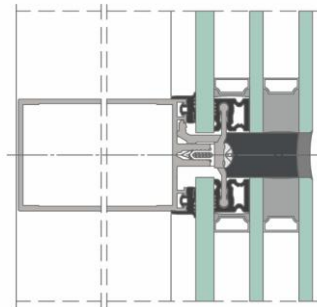
MULLION CROSS-SECTION



CROSS SECTION OF ANGLE STRUCTURE



TRANSOM CROSS-SECTION



TECHNICAL PARAMETERS - FA 50N SL

Air permeability	class AE 1200 acc. to PN-EN 13830
Water tightness	class RE 1200 acc. to PN-EN 13830
Heat transfer coefficient	$U_f =$ from 0,8 W/m ² K acc. to PN-EN ISO 10077-2
Wind load resistance	1700 Pa acc. to PN-EN 13830
Acoustic insulation	$R_w =$ 53 dB acc. to PN-EN ISO 140-3
Impact resistance	classes I4, E3 acc. to PN-EN 13830
Internal visible width	50 mm
External visible width	gap 20 mm
Glazing	mechanical assembly using internal glass pane
Glazing thickness	6÷62 mm
Opened elements	- outwards opened tilt/sliding windows (FA 50N SW), - inwards opened windows (FA 50N INV)