

FA
50N
SW



EFFECTIVE AIRING

FA 50N SW - SYSTEM FEATURES

The system of structural windows FA 50N SW is a universal system that allows for installation of parallel sliding, tilt or turn windows in a facade, with mechanically or structurally assembled glazing.

The windows are designed to make the aluminium frames of window sash invisible from the outside. Profiles shapes match typical (according to European standards) fittings and scissors-like mechanisms.

An important improvement is that this new solution allows for glazing with double-chamber units.

Photo: ITM POLAND, Radom
Design: WG STUDIO - Piotr Jawornik
Aluminium manufacturer: Stolrad Sp. z o.o., Radom



ADVANTAGES OF THE SYSTEM

the visual effect of an even, uninterrupted surface affects positively the general aesthetics of the building,

compatible with "intelligent house" concept,

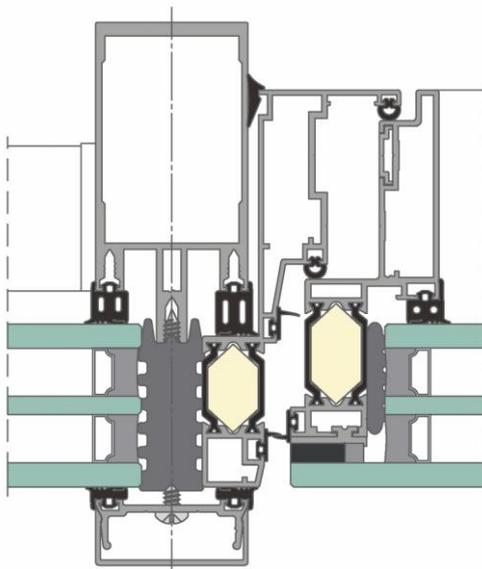
possibility of efficient ventilation without interrupting the homogeneous appearance of the facade due to using sliding windows,

possibility of natural ventilation, uniform inlet and outlet of air,

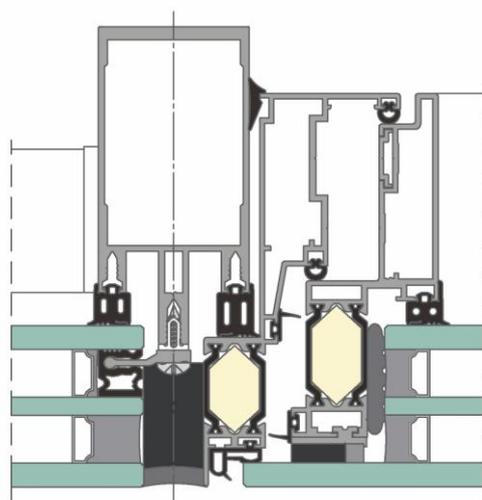
no draught and reduction of energy costs,

possibility of installation of automatic opening/closing actuators.

MULLION CROSS-SECTION - WINDOW FA 50N SW
IN FACADE FA 50N HI



MULLION CROSS-SECTION - WINDOW FA 50N SW
IN FACADE FA 50N SL



TECHNICAL PARAMETERS - FA 50N SW

Air permeability	class 4 acc. to PN-EN 13830
Water tightness	class E 1500 acc. to PN-EN 13830
Heat transfer coefficient	$U_f =$ from 1,3 W/m ² K acc. to PN-EN ISO 10077-2
Wind load resistance	class B4 (1600 Pa)/ class C4 (1600 Pa) acc. to PN-EN 12210
Impact resistance	I5/E5 (950 mm) acc. to PN-EN 13830
Glazing	mechanical or structural assembly
Types of windows	tilt outwards, sliding, turn
Glazing thickness	single-chamber 26÷32 mm double-chamber 46÷62 mm