



TVP 3 headquarters in Kielce

Silicone variant of a single-profile facade

AF 50S

The AF 50S facade system is a highly aesthetic and lightweight structure.

Its modern design is ideal for office buildings, emphasising their aesthetics and class. The system allows the use of multi-pane packages with a slim silicone joint. The solutions used achieve high thermal performance adapted to changing weather conditions.

The AF 50S system allows three ways of fixing the glass:

- point attachment by molded-in fasteners,
- attachment by the glued-in frame,
- attachment by the inner pane.



SELECTED SYSTEM PARAMETERS

from 0.56 W/m ² K	class AE 1650 Pa	class RE 2500 Pa	2400 Pa	+/- 3600 Pa	class I5/E5	42 (-2;-8) dB
Thermal insulation U facade	Air permeability	Watertightness	Wind load resistance	Safety test	Impact resistance	Acoustics

DESIGN & FUNCTIONALITY



System solutions for mounting on the facade: canopies, roller shutters, sliding doors and sun visors.



Internally flush mullion and transom as standard.



Aesthetic slim silicone joint.



Excellent optimization of material usage due to single-profile pole-to-pole technology.

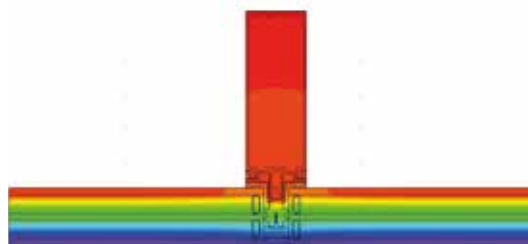
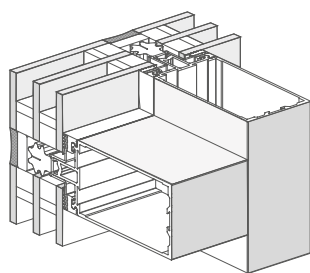


Option of vertical or horizontal line.



Lintel-window strips available with fire resistance of EI 30 and EI 60.

Profiles flushed from the inside of the facade.



Temperature distribution

SYSTEM CHARACTERISTICS

RC2, RC3	50 mm	up to 540 kg	up to 62 mm	0-320 mm	22 mm
Burglary resistance	Width of mullion and transom sections	Load bearing capacity of glass	Glazing range	Range of depth of mullion and transom sections	Glazing joint

Section through the mullion

Section through transom

