

# AF 50

single-profile facade  
in mullion-mullion technology

The AF 50 facade system, based on mullion technology, allows for a broad spectrum of structure shaping and is used in modern buildings. This system utilises designs of highly insulating properties, tightness and material optimisation.

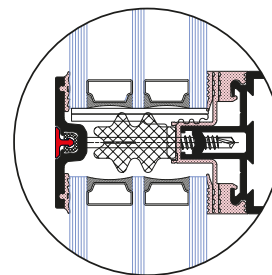
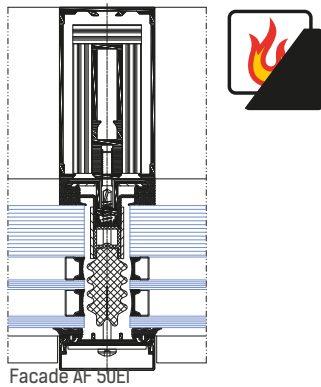


## FACADE

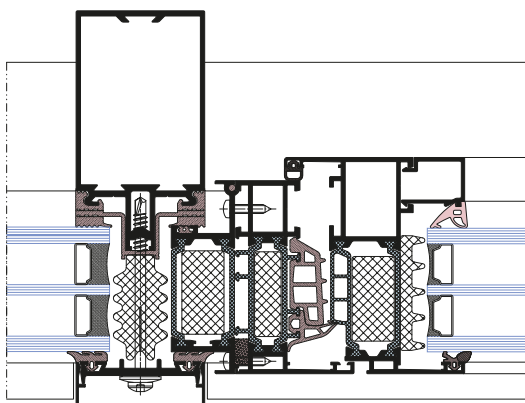
- Variety of angular connections going up to the roof
- Mullion and transom gaskets at the same level – interior side
- 3-step drainage
- Internally levelled mullion and transom
- Perfect optimisation of components due to single-profile design
- Optional lintel – sill strips with fire resistance of EI 30 and EI 60
- Gutter mounted on the transom with an extra set of accessories
- Different variants of the outer cover profiles
- Various types of external bars

## SELECTED FEATURES AND SYSTEM PARAMETERS

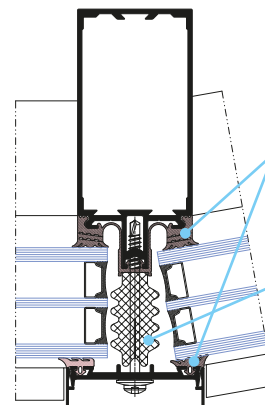
Width of mullion and transom sections	50 mm
Depth of mullion and transom sections	0 – 320 mm
Glazing range	up to 64 mm
Air permeability for non-windowed wall	AE 1500 Pa
Water tightness without window	RE 2400 Pa
Water tightness with window	RE 2400 Pa
Wind load resistance	+/- 3600 Pa
Impact resistance	I5/E5 class
Facade thermal insulation U	from 0,60 W/m <sup>2</sup> K
Glazing weight capacity	up to 500 kg



Flat profile – cross-section



Facade and window connection



18 degrees corner connection  
using a standard gasket

Connection of up to  
18 degrees without  
additional profiles

Excellent thermal  
insulation thanks to  
the new generation  
of insulators