

→ ACS 50

window and door systems for interiors

The **ACS 50 System** is a modern structure designed for the production of fixed and openable windows as well as single and double leaf doors, and also comes in a smoke-tight version. The ACS 50 system possesses frames that enable the mounting of an all-glass sash. It is characterised by highly acoustic properties and durable construction.



DOORS

INTERNAL PARTITIONS

- Variety of mullions
- Freedom of angular connections

→ Selected features and system parameters

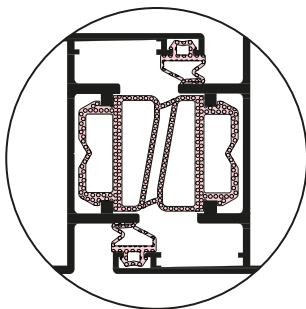
Resistance to air infiltration	0.01 m ³ (mhdaPa) ^{2/3}
Maximum wall height	5300 mm
Scope of application	category IVb according to ETAG 003
Range of the filling	up to 31.5 mm

DOORS AND WINDOWS

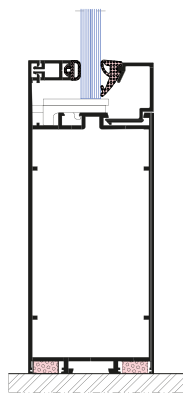
- Flushed surface of the frame and sash
- Compatible with building automation
- Mounting distribution windows is optional
- Notch or surface hinges in doors are optional
- Arc constructions, including welded
- ACS 38 system compatibility – shared technical approval

→ Selected features and system parameters

Mechanical durability for doors	Class 3
Smoke-tightness for doors (single point lock)	Sa, Sm class
Acoustic insulation of doors	Rw from 38 dB
Sliding door	Available
Construction profiles depth	50 mm
Lab door without a threshold, acoustic	28 dB

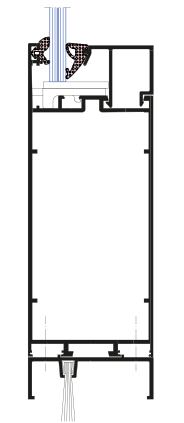


Central insulation in doors

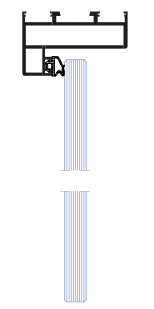


Central glazing

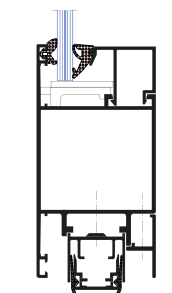
DOORS – THRESHOLD VERSIONS



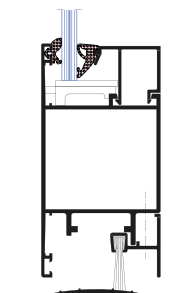
Level entry door equipped with a brush



Glass Door



Collapsing threshold



Threshold strip with a brush



DOORS