



Egzotarium in Sosnowiec

Window and door system for interior installation

ACS 50

The solution is designed to make non-thermally insulated partitions such as displays, windows and aluminium and all-glass single or double-leaf doors.

The central glazing combined with the all-glass door solution provides exceptional design aesthetics. The doors are fitted with a central seal to improve their tightness and sound insulation. The system is characterised by its durability and high acoustic properties. It shares the National Technical Assessment with the ACS 38 system.



SELECTED SYSTEM PARAMETERS

cat IVb according to ETAG 003	class 3	class Sa, Sm	0.01 m ³ (mhdaPa) 2/3	28 dB	up to 38 dB
Application range	Mechanical strength of the door	Smoke tightness [single point locking]	Resistance to air infiltration	Acoustic insulation of threshold-free laboratory door	Door sound insulation

DESIGN & FUNCTIONALITY



Optional application of an infeed window in the door.



Compatible with intelligent building solutions.



Option of making arched windows and doors including welded constructions.



Option of making walls at any angle and large-scale constructions.



Option of making escape doors: emergency and anti-panic.



Surface and rebate hinges increasing the passage clearance.



A diverse range of mullion variants in the construction of internal partitions and the freedom to create angled connections.



Option of making smoke-proof doors.

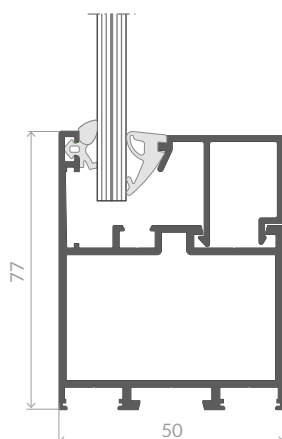
SYSTEM CHARACTERISTICS

50 mm	5300 mm	up to 40.5 mm	59 mm	up to 31.5 mm
Structural depth of frame profiles	Max. wall height	Glazing range	Structural depth of leaf profiles	Glazing bar height

Based on the ACS 50 system, can be constructed:

- partitions with or without mullions
- all-glass sash
- sliding door

Section through fixed frame



Section through opening window

