

AL603EEF

Innovative frame technology

The innovative aluminium frame technology EEF (Energy Efficient Frame) sets new standards in terms of energy efficiency, design and sustainability. Thermally dividing the newly developed, patented door frame profile reduces heat loss and minimises condensation on the door's interior surface. Thanks to the plastic dividers in the door frame, the integrated insulating material and the use of triple glazing, SCHNEIDER's AL603EEF folding door achieves a previously unattainably low U-value.

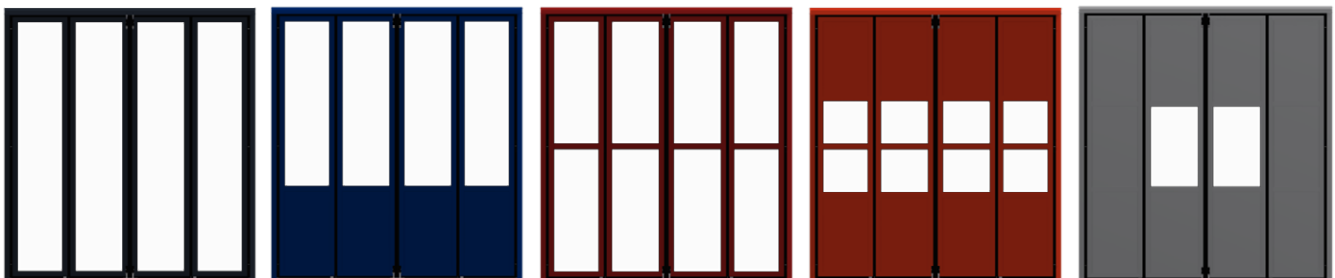
HIGHLIGHTS



- > Optimum thermal insulation
- > U-values as low as 1.08 W/m²K
- > Exceptionally high air tightness
- > Large-surface glazing
- > Applicable up to widths of 15.6 x 5.6 m height
- > Concealed fastening points
- > Long-lasting and resource preserving
- > Economical and environmentally friendly

| Technical data | AL603EEF |
|--------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Installation depth | 60 mm |
| Frame width: | min. 87 mm |
| Max. door size (ordered width x ordered height) | 15,600 x 5,600 mm |
| Max. wing width | 1,300 mm |
| Split versions | 2+0 / 2+1 / 2+2 / 3+1 / 3+2 / 3+3 / 4+0 / 4+1 / 4+2 / 4+3 / 4+4 / 5+1 / 5+2 / 6+0 / 6+1 / 6+2 / 6+4 / 6+6 |
| Opening angle | 90° or 180° (max. 3 leaves) |
| Door with step-through wing (ordered width x ordered height) | max. 5,500 mm x 3,000 mm |
| Installed pedestrian door | Max. height 2,500 mm |
| Continuous glazing | Up to ordered height 4,500 mm |
| Resistance to wind load | At least class 2-4 |
| Air tightness | Up to class 4 |
| RC2 resistance class | Optional |
| Heat resistance | up to = 1.08 W/m ² K |
| Fire protection | Class 0 |
| Motion cycles | 200,000 |
| Operation | Manual, electrical, basic or Power-F |

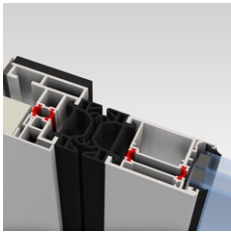
Our doors are manufactured to meet your requirements. Therefore the information above varies depending on the specific door design.



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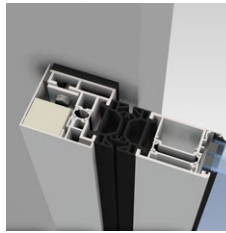
AL603EEF DOOR DESIGN

Innovative frame technology



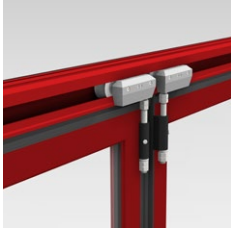
Thermally divided door frame

- > Allows U-values as low as 1.08 W/m²K acc. to EN 12428
- > Reduces heat loss
- > Lowers energy costs
- > Optimum thermal insulation



Two-part door frame system

- > Concealed fastening points in front of reveal
- > Allows for concealed fastening in all installation situations



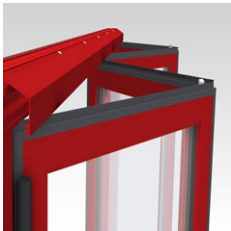
Smooth-running guidance system

- > guarantees easy door operation
- > absorbs the high weight of the door wings
- > allows for large-surface glazing using real glass
- > sturdy design



Two-part door frame system

- > Concealed fastening points in reveal
- > Allows for concealed fastening in all installation situations



Running rail cover profile

- > protects from running rail contamination
- > guarantees long system life
- > significantly contributes to the door's design



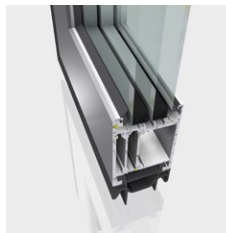
Balanced wing and door seal contours

- > Increased tightness of the entire folding door
- > Allows for air permeability resistance up to class 4 acc. to EN 12426



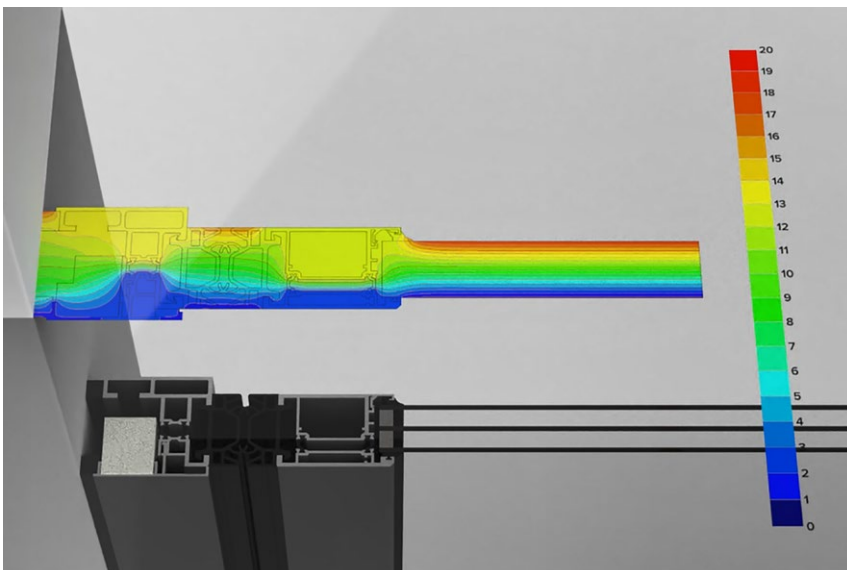
Colour

- > A6/C0 anodised
- > Facade quality or highly weather-proof powder-coating + RAL at customer's choice
- > Metallic



Triple glazing

- > Triple glazing using real glass
- > Modern design with lots of light
- > Excellent thermal properties



Thermal division

- > Reduces heat loss and condensation
- > Excellent U-values