

# Heat-Insulated double-leaf Aluminium Door System WG-2 "Schüco ADS 70.HI"

optionally with top light and side part



## Text example

Compile and tender according to requirements.  
Please refer to Technical Data below for respective details.  
Updated 01.11.2011

Position	No. of pieces	Item	Unit price €	Total price €
		Heat-insulated double-leaf aluminium door made of thermally separated multi-hollow-profiles „Schüco ADS 70.HI“. Flush-mounted hinge with EPDM rabbit seals on both sides for low-noise operation. Building depth 70 mm, Facing width (frame and leaves) 147 mm. Insulation glass 26mm. Latch-bolt lock in the active leaf. Flap edge bolt upwards and downwards on the in-active leaf. Aluminium round handle set. 2 security bolt.		



## Technical data

**Product:** Heat-Insulated aluminium door „Schüco ADS 70.HI“, CE-labelled and tested according to DIN EN 100077-1 and EN 14351-1.  
- heat protection (DIN EN 1007-2)  $U_f > 1.89 \text{ W/m}^2\text{K}$   
- wind load resistance (EN 12210)  
- driving rain density (EN 12208) E900A  
- air permeability (EN 12207) class 2  
(values may differ in dependance to element's specification and construction)

**Installation in:**

- Masonry
- Concrete
- Lightweight construction wall (F 90-A)
- Autoclaved aerated concrete block or high precision units in acc. with DIN 4165, strength class G4 or GP4
- Concealed steel support and/or joist

**Dimensions:** Overall frame dimensions:  
Frame width: by statistically proof  
Frame height: by statistically proof  
Frame height with top light: by statistically proof

**Type of handling:** DIN right outside/inside  
DIN left outside/inside

**Design:** Flush-mounted, thermally separated aluminium profiles.  
Building depth: 70 mm  
Facing width (frame): 69 mm  
Facing width (frame and leaves): 147 mm  
Plinth width: 98 mm  
Overall socket height incl. 8mm bottom air space is 106mm

**Glass dividing bars:** Special equipment:  
76, 94, 150 mm for horizontal and vertical assembly. Special freckle widths and socket heights on request.

**Surface:**

- galvanized steel, yellow chromated powder-coated primed RAL 9002 or finished in RAL 9010, 9016
- galvanized steel, finished yellow chromated powder-coated primed RAL on choice (RAL standard), DB 701, 702, 703

**Fittings:**

- 4 no. twopart aluminium screw-on hinges
- slide channel door closer with integrated door selector according to DIN EN 1154
- Retractable bottom seal
- 2 security bolt (hinge side)
- bolt-latch-lock combination up to a light passage height of 2480mm, over 2481mm light passage height with upper latch in the active leaf

- Flap edge bolt upwards and downwards on the in-active leaf.
- Aluminium round handle set
- Fittings standard in silver

**Leaf filling:**

- Insulation glass 26mm  $U_g = 1,1 \text{ W/m}^2\text{K}$  for public areas

**Special equipment:**

- Glass variations (foils, ingravings)
- Thermally insulated panels
- Prepared for letter box
- Handle sets / Lever/Knob sets, plastic, light metal, stainless steel
- panic push bar (bar or push bar) according to DIN EN 1125
- Hinge variations (also enclosed hinges)
- Revolving door drives
- Electric door opener
- Integrated lock inspector (bolt contact)
- Opening indicator (Reed contact)
- Escape survey systems
- Access control
- Attached closed frame for edge protection
- Arch- and inclined elements
- Corner connections

**Further qualifications:**  
(special equipment)



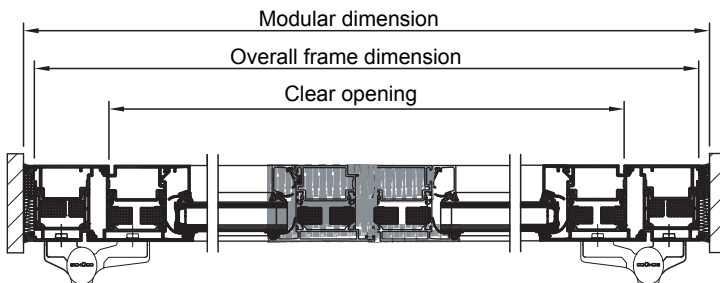
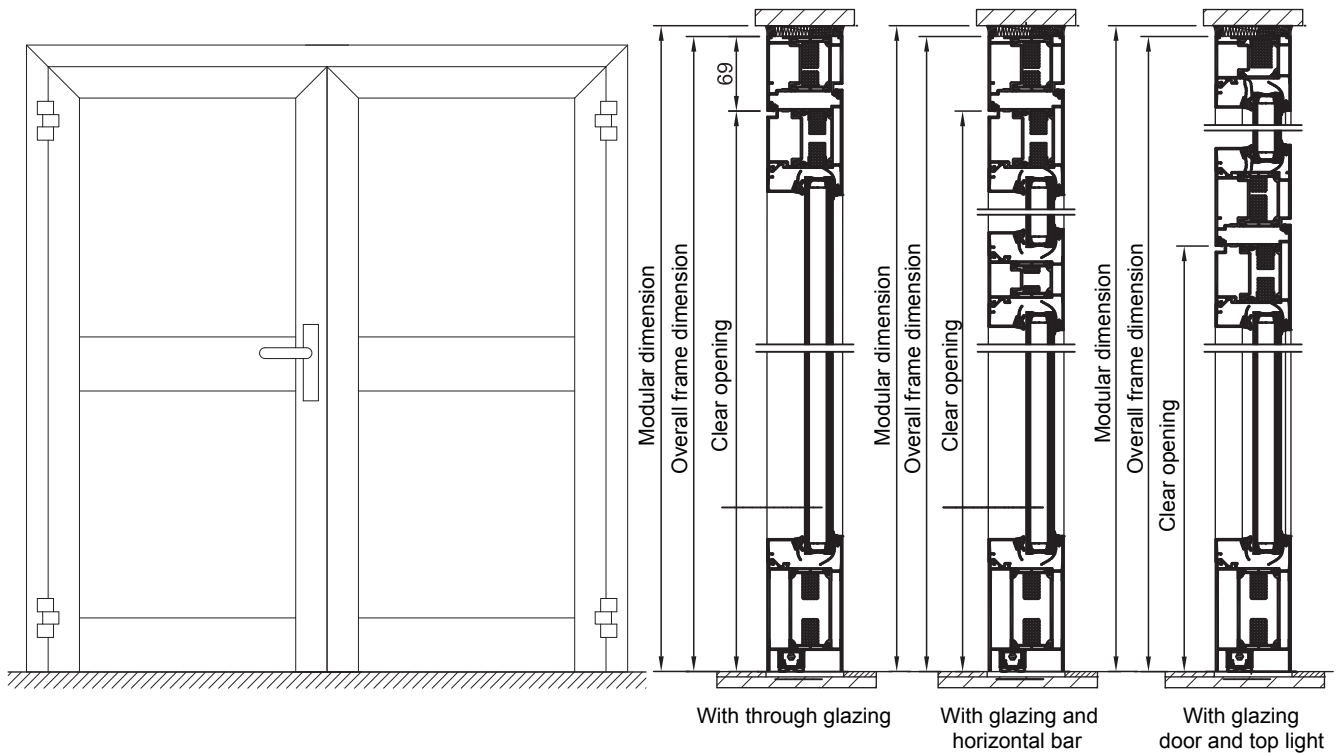
♦ **Sound insulated tested in accordance with DIN EN 20140 (Rw 45 dB)**



♦ **Burglar-resistant door in accordance with DIN V ENV 1627 – WK 2 and WK 3**

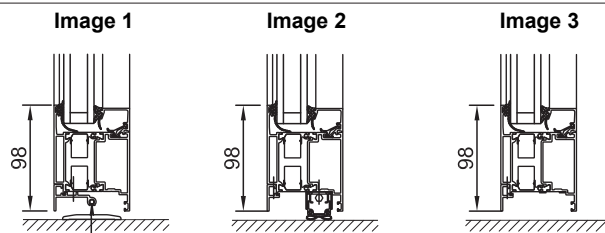
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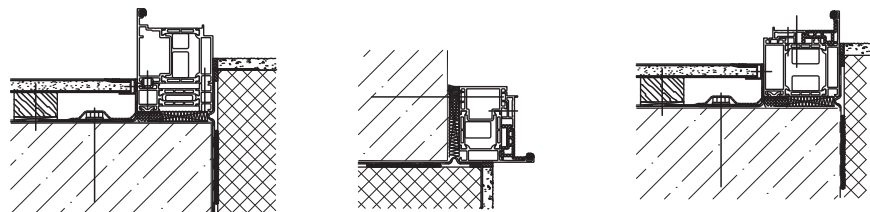


### Floor connections:

- Image 1: Sliding threshold seal (standard)
- Image 2: Retractable bottom seal
- Image 3: Plinth profile



### Installation in masonry/ concrete walls Installation: in soffit



### Profiles

- Image 1: Bar profile 76 mm
- Image 2: Bar profile 94 mm
- Image 3: Bar profile 150 mm

