



TAP 40

The Steel/Aluminium Thermal Door with Insulating Glazing

The all-important factor with TAP 40 doors

If maximum use of daylight, good thermal insulation and a high level of stability are called for, the TAP door can meet these requirements threefold: On account of the cold-repelling 16 mm thick double glazing, the aluminium extrusions with thermal breaks and the double-skinned PU foam-insulated steel bottom section **(100 % CFC-free)**.

This combination produces a remarkable thermal insulation value.

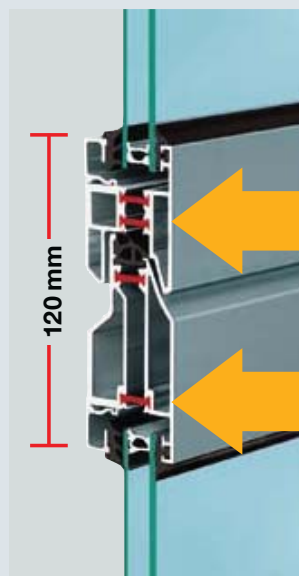
The combination gets the colour right too

The bottom section in steel: white aluminium (based on RAL 9006).

The glazing frames in aluminium: anodized to DIN 17611, stained in a natural colour (E6/EV1). Besides this standard surface finish, it goes without saying that we can also supply the doors in special colours to RAL.

The thermal extrusion: for greater stability and thermal insulation

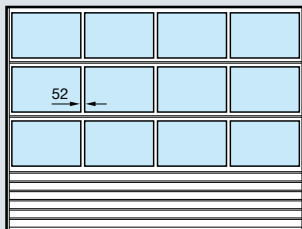
The aluminium extrusion has an overall thickness of 42 mm. The outer and inner shells incorporate thermal breaks with glass fibre reinforced polyamide ribs and are at the same time positively bonded. This ensures a high degree of stability and protects the structural fabric.



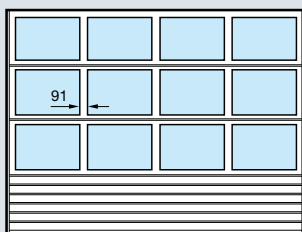
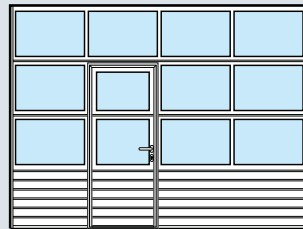


Good thermal insulation when exposed to high levels of light

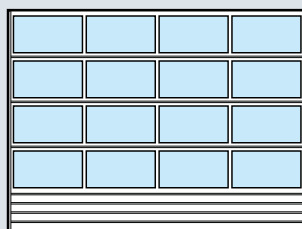
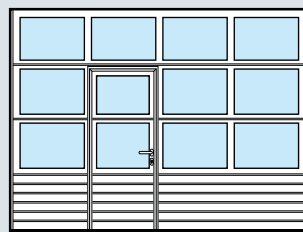
Door versions (examples)



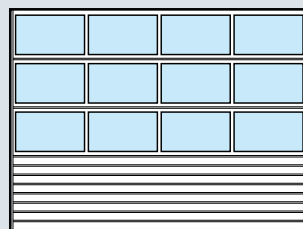
With 52 mm rail extrusion as standard for doors up to 5500 mm wide



With 91 mm rail extrusion as standard for doors 5510 mm wide or more.
Doors up to 5500 mm wide also available with the 91 mm rail extrusion on request



750 mm section bottom section height as standard, also available in 500, 1000 and 1500 mm on request



Doors with wicket door and without trip-free threshold are available from widths of 7000 mm.

Technical Data

Size range

Width up to 7000 mm
Height up to 7000 mm

Resistance to wind pressure

Class 3

¹⁾

Water-tightness

Class 3 (70 Pa)

²⁾

Air permeability

Class 2 (with wicket door class 1)

³⁾

Sound insulation

R = 19 dB

⁴⁾

Thermal insulation to EN 13241, annex B EN 12428

U = 3.3 W/m²K*
(with wicket door U = 3.5 W/m²K*)

*The values refer to a door area of approx. 25 m²

¹⁾ EN 12424; ²⁾ EN 12425; ³⁾ EN 12426; ⁴⁾ EN 717-1

Safety features and performance criteria acc. to EN 13241-1, from page 38

Please refer to the technical manual for further information.