

## *Specifications*

Outer face ligned, embossed stucco and color RAL 9002

Inner face ligned, embossed stucco and color RAL 9002

No finger protection

Thickness 40 mm – height 500 mm – weight 9,5 kg/m<sup>2</sup> - U Value 0,53 W/m<sup>2</sup>K

Thickness 40 mm - height 610 mm - weight 8,8 kg/m<sup>2</sup> - U Value 0,53 W/m<sup>2</sup>K

Paint coating on the outside sheet 25- $\mu$ m ( EN 13523-1 )

Paint coating on the inside sheet 7- $\mu$ m

Thickness zinc layer panel sheet metal : Z100 (grs/m<sup>2</sup>)

Gloss 30 G.U.

T40 panels max door size = 8.000 x 5.000 mm

Standard Quality: EN10346

Tolerances according EN10143

## *Performances*

Impact test 18 J ( EN 13523-5 )

Polyurethane core - combustibility class B3 / DIN 4102

U Value 0,53 W/m<sup>2</sup>K

Sound insulation value of the panel = 28 dB

Paint adherence ( T-bend)  $\leq 2t$  ( EN 13523-7 )

Resistance to cracking on bending (T-bend)  $\leq 3t$  ( EN 13523-7 )

Surface pencil hardness HB-H ( EN 13523-4 )

Corrosion resistance salt spray test 360h ( EN 13523-8 )

Corrosion resistance category RC2

Condensation resistance >1000h ( EN 13523-26 )

UV resistance QUV (UVA+H<sub>2</sub>O) test (2000h)  $E \leq 5$ ; G.R.  $\leq 30\%$

UV resistance category RUV2

Fire behavior classification A1 ( EN 13501-1 )

Environment CrVI-free ; RoHS 2011/65/EU

## *Foil*

A plastic protective foil is applied to the surfaces of the panels. This foil protects the panel against the influence of the weather and dirt during manufacture, transport, storage and installation. Because of its limited thickness, this foil does not protect against damage. However, the panel is protected against UV radiation. It is important that the foil is removed at the latest six weeks after the production date to protect the coating from damage.

## *Contamination*

Unfortunately, in spite of every effort and the protection that is applied, contamination by dust, etc. on the building site cannot always be avoided. As a result, cleaning can be required after installation.

To avoid or limit additional work, it is important to bear the following points in mind when installing doors:

- Install the door carefully and accurately.
- Avoid dirt and damage (to people and the material) during unpacking.
- Pick up wide panels with two people, not on your own.
- Do not stack panels against each other without placing something in between.
- Leave the foil on the panels as long as possible.

- Remove the foil from the doors within six weeks of the production date of the doors.
- Remove swarf from the panels, it can be hot and can otherwise stick.
- Swarf that is not removed can rust later.
- Remove any contamination before it dries (in particular tar and bitumen).

### Cleaning

A new door can normally be cleaned using a moist cloth. Dried or obstinate dirt can be removed as shown in the table below. Use as little force as possible on the cloth or sponge when cleaning the door. This is to prevent permanent damage, such as loss of shine or minor dents, to the surface of the panel. Rinse the panel thoroughly with clean tap water. Only use a high-pressure cleaner on badly contaminated panels. Keep a minimum distance of 80 cm from the panel and use a pressure that is lower than 30 bar. Never use ammonia, abrasives, nitro cleaning solvents, chlorinated agents, aromatic solvents or a high-pressure cleaner with a dirt blaster.

### Cleaning table for steel panels

Type of dirt	Cleaning agent
Dust	Water or a weak soap solution
Bitumen / tar	Paraffin
Rust film	Wiro
Rusty swarf	Wiro (remove the swarf first)
Cement / mortar	Carefully remove mechanically

### T40 Standard colours on stock

RAL 6009	section height 610 mm
RAL 7016	section height 610 en 500 mm
RAL 9002	section height 610 en 500 mm
RAL 9006	section height 610 en 500 mm
RAL 9007	section height 610 mm
RAL 9010	section height 610 mm

