

Specifications

Outer face ligned, embossed stucco and color RAL 9002

Inner face ligned, embossed stucco and color RAL 9002

Fingersafe protection

Thickness 40 mm – height 500 mm – weight 10.0 kg/m² - U Value 0,561 W/m²K

Thickness 40 mm - height 610 mm - weight 9.5 kg/m² - U Value 0,561 W/m²K

Thickness outside sheet - 0,48 mm

Thickness inside sheet - 0,30 mm

Outer face: Z225 (225g/m²) according to EN 10326.

A 25µm polyester-based coating is applied to the galvanized steel.

Corrosion protection class III in accordance with DIN 55928-8 (EN 10169-2).

Inner face: Z100 (100g/m²) according to EN 10326.

A 25µm polyester-based coating is applied to the galvanized steel.

Gloss 30%.

Standard Quality: EN 10346

Performances

Cold rolled coil steel (S220GD acc. EN 10346) for the construction industry

All tolerances in accordance with DIN EN 10143 (hot dip coated steel). =

Sound insulation value of the panel = (C;Ctr)= 24 (-2;-2) dB

Distance between the horizontal lines is 122 mm

Maximum allowable heat 50°C

Paint adherence (T-bend) ≤2t (EN 13523-7)

Resistance to cracking on bending (T-bend) ≤3t (EN 13523-7)

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

Corrosion resistance category RC3 (acc.EN10169-2)

Condensation resistance >1000h (EN 13523-26)

UV resistance 2000h, E_{≤5}, GR> 80% (acc.EN13523-10)

UV resistance category RUV4 (acc. EN10169-2)

Fire behavior classification BS3d0 (acc. EN13501-1+A1)

Environment CrVI-free ; RoHS 2011/65/UE

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.

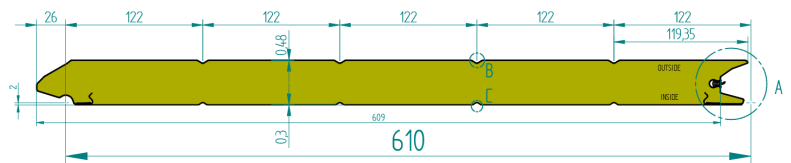
- Remove the foil from the doors within six weeks of the production date of the doors.
- Remove swarf from the panels, it can be hot and can otherwise stick.
- Swarf that is not removed can rust later.
- Remove any contamination before it dries (in particular tar and bitumen).

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



Standard RAL colours outer leaf S40

1021 610 mm	1015 610 mm	3000 610 mm	5003 610 mm	5010 610 mm	6005 610 mm	6009 610 mm	7016 610 mm	7021 610 mm	7022 610 mm
7035 610 mm	8014 610 mm	9001 610 mm	9002 500/610 mm	9005 610 mm	9006 500/610 mm	9007 610 mm	9010 610 mm		