

Materials and Construction

- Milled MDF boards of various thicknesses (commonly 18, 22, and 38 mm).
- Six layers of lacquer with a total weight of 200–220 g/m².

Tolerances

- Dimensional tolerances of products compared to values specified in documentation may be ±1 mm.
- Due to stress in the materials used, warping of the product can occur – permissible tolerance is ±4 mm per 1 m.

Dimensional Limits

- Minimum size: 90 mm x 48 mm.
- Maximum size: 1,200 mm x 2,800 mm.

Lacquer Quality

A polyester base coat is first applied to the doors, providing the final lacquer with higher strength and hardness. After drying and sanding, the surface undergoes a polyurethane lacquer cycle to achieve the optimal total weight of 200–220 g/m². For glossy finishes, machine and hand sanding and polishing follow. All doors undergo final cleaning and wax impregnation. Approximately 200 color shades are available in gloss and matte finishes, excluding metallic and signal colors.

Doors of the MAT, MAT G5, and NANOLAK G5 series are not primarily intended for handle-free use.

Important Notice for Color Selection:

Color selection must be made using RAL color charts:

- Glossy lacquers: RAL K5 GLOSS.
- Matte lacquers: RAL K7 CLASSIC or K5 SEMI-MATT.
- Ultramatt lacquers: G5.

Samples of lacquered doors in presentation stands and showrooms are provided to demonstrate gloss and matte finishes but are not suitable for selecting specific shades. UV exposure may cause slight color changes, especially in white tones. This UV degradation is a natural consequence and cannot be entirely prevented despite technical measures, and therefore changes due to UV degradation cannot be claimed.