

Materials, Design

- The base material for T.acrylic is chipboard with a thickness of 16 mm;
- The front side consists of either a glossy acrylate surface with a thickness of 1.4 mm or a matte acrylate surface of thickness of 1.2 mm; in addition, the front surface is provided with a clear protective foil with a nameplate;
- The back side is made of 1.2mm-thick polystyrene of the colour same as the front surface (the total thickness of the one-sided glossy acrylic panel and the one-sided matte acrylic panel is 18.6 mm and 18.4 mm, respectively); it is provided with a hologram and a blue protective foil;
- As standard, we use ABS furniture edges identical to the decor of the front surface or 3D edges for selected decors;
- We do not recommend using the PVC edges;
- The material is suitable to be used in food processing environments, does not change over time and retains all its characteristics of gloss and colour and is highly resistant to UV radiation and moisture.

Note: T.acrylic is not suitable for the production of table boards.

Certificates Issued by Timber Research and Development Institute, Prague, s.e.

- T.acrylic furniture doors have certificates indicating the specific properties of this product, especially resistance to UV radiation, ageing and moisture
- Resistance to scratching No. 2422-5/13
- Resistance to light No. 2422-6/13
- Resistance to water No. 2422-7/13
- Resistance to frost No. 2422-8/13
- Resistance to impact No. 2422-9/13
- Resistance to cold liquids No. 2422-10/13

Tolerance

The tolerance for dimensions of a product against the values specified in the documentation may be ± 1 mm. Due to the stress of the materials used, the product may become bent – the permissible tolerance is ± 4 mm / 1 m.

Dimensions

- Minimum size: 100 mm x 100 mm glued; 20 mm x 100 mm cut only
- Maximum size: 3,000 mm x 1,270 mm
- Possibility to order the whole acrylic panel: 3,740 mm x 1,270 mm

Application and Instructions

- Application for furniture front surfaces in the interior of apartments, houses, and commercial spaces (furniture doors, facing materials, built-in cabinets);
- The material can be further machined by cutting, drilling or milling, e.g. for countersunk handles;
- The heat resistance of the material over the area was determined by the manufacturer to be more than 150 °C;
- The heat resistance of the glued joint at the edges is ± 80 to ± 90 °C;
- Avoid direct heat (gas appliances – wall panelling between the upper and lower cabinet assemblies);
- For hot-air and other heat sources, as a precaution, equip the adjoining parts of the furniture with shielding stainless steel strips (heat shield) offered by us or observe the minimum distance from the appliances of at least 20 mm.

Warning: *The supplied products are not suitable for outdoor use.*