

Materials, Design, Certification

T.classic products are made of the following materials:

- Milled MDF panel of various thicknesses (typically 18, 22, and 30 mm, others by agreement);
- Waterproof PVC, PE foil;
- Water-soluble adhesive cured by heat and pressure (temperature resistance of 70–80 °C)

Manufacturers' certificates of suitability and safety are available for individual materials. The finished products of our company have a similar certification.

Tolerance for Dimensions and Bends

The tolerance for dimensions of a product against the values specified in the documentation may be ± 0.5 mm. Due to the stress of the materials used, the product may become bent – the permissible tolerance is ± 4 mm / 1 m.

Limit Dimensions

- The minimum width and height for only edge processing is 90 mm and 48 mm, respectively;
- The milled components may be a maximum of 1,250 mm wide and 2,800 mm long;
- The finished products pressed with a foil are a maximum of 1,250 mm wide and 2,500 mm long;
- For foils with a grain direction parallel to the winding, the dimension perpendicular to the grain direction cannot exceed 1,250 mm (most of the foils);
- For foils with a grain direction or the predominant direction of foil printing perpendicular to the winding (e.g. 7-3 steel bronze, 7-4 brown bronze), the dimension parallel to the grain direction or the graining cannot exceed 1,250 mm.

Instructions and Information

- The products are delivered as semi-finished products, i.e. they are without holes for handles and hinges.
- The milled frames for glass or grills are without glass or other panelling, fasteners for their mounting are not typically supplied. If the glazing is made by a customer, the following instructions must be followed:
 - The sealing strip must be used as non-split around the entire perimeter of the glass or panelling with silicone locking;
 - To determine the glass or panelling dimension, the size of the hole must always be measured in order to derive the glass or panelling dimension based on it;
 - The glass or panelling dimension must be 2 mm \pm 0.5 mm smaller than the dimension of the hole;
 - The CSN EN 14749 standard stipulates that vertical glass components with an area ≥ 0.1 m², where the smallest dimension is ≥ 200 mm, and which are located less than 900 mm above the floor, must comply with testing according to CSN EN 14749 or be made of safety glass and crack in accordance with the CSN EN 14072;
 - When used for children's furniture or where children usually move freely, the use of safety glass is always necessary;
 - As makers of furniture front surfaces, we are not responsible for the use of a product equipped with glass in conflict with the wording of CSN EN 14749 – Domestic and kitchen storage units and kitchen worktops – unless such use is explicitly specified in an order;
 - The stated provisions in relation to CSN EN 14749 and CSN EN 14072 apply for the entire production program of Trachea, a.s.;
 - Due to the maximum limit of the adhesive temperature resistance, the appliances, kitchen ovens, grills, etc. are recommended to be provided with protective metal strips (heat shield) preventing the effect of heat directly on the door in their vicinity. We recommend mitigating the effect of heat by increasing the distance from the heat source to 18–20 mm from the side and, in the case of a door under a built-in oven, to 30 mm. The above measures should limit damage to the doors by heat above the limit of adhesive temperature resistance.

Important warning: All additional modifications of the finished products (doors, decorative panels, table boards, etc.), such as drilling or milling holes into the pressed front surface or edge or modifications of dimensions and shapes may result in irreparable and irreversible damage. Therefore, we strongly discourage any additional modifications. Please note that the standard warranty terms and conditions and deadlines do not apply to products modified in such a way!