

**Materials and Construction**

The construction material of T.segment doors and LTD panels is 18 mm thick chipboard coated with melamine resin, designed for indoor use. The doors can be three-part [3D] or five-part [5D]. The material used is harmless to health, highly resistant to UV radiation and stable.

The standard range of LTD offers includes approximately 30 designs from wood decors to unicolors in various surface structures. You can find a comprehensive offer of the LTD assortment in the product catalog or at <http://www.trachea.cz/cz/dvirka-trachea/skladana-dvirka>, after verification, non-standard decors and suppliers with individual prices and delivery dates can be agreed upon.

**Design**

- 3D design: combination of LTD 18 mm / LTD 18 mm or LTD 18 mm / tempered glass 4 mm, 6 mm
- 5D design: combination of LTD 18 mm / LTD 10 mm or LTD 18 mm / glass 4 mm
- more than 30 LTD decors in stock
- LTD 10 mm, glass in various designs or solid grid is used for the T-segment filling
- LTD 10 mm is not offered in full formats as standard, gluing is not possible as standard, but individual agreement is possible

**Tolerances**

- dimensional tolerance of the product against the values specified in the documentation can be  $\pm 1$  mm.
- thickness dimensional tolerance specified by the manufacturer is  $\pm 0.3$  mm, with multiple lamination  $\pm 0.5$  mm, max. deflection of the board is set at max. 2 mm / 1 m

**Limit dimensions**

- 3D LTD 18 mm / LTD 18 mm: min. 260 x 120 mm / max. 1,196 mm x 2,050 mm
- 3D LTD 18 mm / glass 4 mm: min. 260 x 140 mm / max. 600 mm x 750 mm
- 3D LTD 18 mm / glass 6 mm: min. 260 x 140 mm / max. 800 mm x 1,400 mm
- 5D LTD 18 mm / LTD 10 mm: min. 260 x 170 mm / max. 1,196 mm x 1,996 mm
- 5D LTD 18 mm / glass 4 mm: min. 260 x 260 mm / max. 1,196 mm x 1,196 mm
- LTD panels: min. 100 mm x 100 mm laminated, 20 mm x 100 mm only cut/  
max. 2,040 x 2,770, with the first dimension being the width, the second the height after years

In the case of requirements for gluing smaller dimensions, a combined format can be realized upon agreement, with the condition that after cutting, max. 3 edges will be laminated.

**Applications and Instructions**

- use for front surfaces and furniture parts in the interiors of apartments, houses and commercial spaces
- heat resistance is set at max. 50°C for long-term exposure (more than 1 hour), at max. 50°C for short-term exposure (up to 1 hour) to max. 90°C, the heat resistance of the glued joint is set at 70°C
- avoid direct exposure to fire and in the case of hot air and other heat sources, provide the adjacent part of the furniture with shielding stainless steel strips from our offer (heat shield) or maintain a minimum distance of 20 mm from appliances
- product dimensional tolerances are given according to ČSN 91 0001 Wooden furniture, deflection in the area and thickness tolerance according to the manufacturer