



# SurfacingSolution™

2480 Chaska Blvd. Chaska, MN 55318  
800-964-6727 • 800-964-0630 fax  
www.SurfacingSolution.com



## 1.1 SOLID WOOD TAMBOUR PANELS

### A. Basis of Design: Solid Wood Tambour by Surfacing Solution.

#### 1. Species Available:

- a. Red Oak.
- b. Cherry.
- c. Walnut.
- d. Ash.
- e. Maple.
- f. Alder.
- g. Red Grandis.
- h. Poplar (paint grade).
- i. White oak.

#### 2. Sheet Lengths Available:

- a. All Wood Species and Profiles: 3 feet, 4 feet, 5 feet, 6 feet, 7 feet, and 8 feet.
- b. Walnut: 9 feet.
- c. Maple, Ash, and White Oak: 9 feet and 10 feet.
- d. Red Oak and Poplar: 9 feet, 10 feet, 11 feet and 12 feet.

#### 3. Sheet Widths Available:

- a. 12 inches (305 mm).

#### 4. Profiles:

- a. T475: Slat width of 1 inch (25 mm) and height of 1/2 inches (13 mm).

#### 5. Field Finish: [Stain and clear coat polyurethane] [Clear] [Natural oil] [Paint].



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## Basic Uses & Installation

Our Tambour is intended for interior applications and is to be bonded to any clean, dry, structurally sound and rigid surface either horizontal, diagonal, or vertical. Each panel should be stretched by rolling the panel up with slats facing inward as well as bending concave carefully. This spreads each tambour slat out and spaces them evenly allowing for expansion and contraction. As soon as the panels arrive, they must be in a controlled environment (temperature and humidity) ranging from 50 degrees (Fahrenheit) to 80 degrees (Fahrenheit). The humidity levels must not fall below 30% and not go above 50% for an extended period.

Since this is real wood it will expand and contract regularly. If painting, staining, or coating – it is extremely important to stretch the material (as mentioned above) to allow for expansion with moisture prior to coating. The material must be acclimated for a minimum of 48 hours prior to finishing. Panels are then typically glued up with a standard paneling/construction adhesive (trowel or caulk style) onto a solid substrate. Thicker profiles should additionally either be held with finishing nails or braced in place until the glue cures.

The thickness of the tambour varies in thickness depending on the profile (shape) chosen. It is recommended that both the solid wood and veneers be finished with either a stain and a clear coat polyurethane finish, a clear coat, natural oil moisturizer, or painted to increase durability and life.

Panels are nominal in size and are not finish cut to exact lengths, however we don't allow shorter than noted slat length. We hand lay and assemble each panel, sorting and matching color to the natural color variation of the wood chosen. We only use the highest quality slats and put them on a flexible backing with a permanent pressure sensitive adhesive.

Please note: This is a real natural wood product and will have color & grain variation from slat to slat and panel to panel. While we do hand assemble them and color sort slats within a reasonable color variation depending on the wood species – the grain/color will never be 100% consistent from slat to slat or panel to panel.