

OCTOTERRA FABRICATION INSTRUCTIONS

TRANSPORT AND STORAGE

Inspect the panels upon delivery to assure that the specified products have been received. Report damaged panels immediately to the transport company and note such damage on the carrier's bill of lading. Store in a dry area indoors in original packages with factory supplied packing in place.

INSTALLATION

CONDITIONING

Before installation, place the OCTOTERRA panels in the room where they will be installed to condition for a period of 72 hours minimum. This allows the product to adjust to the room temperature and humidity level and will minimize any warpage problems. OCTOTERRA panels should be placed flat on the floor and stacked on top of each other. During installation, avoid excessively cold, hot and/or damp conditions.

NOTE: In conditions where the work or installation environment is extremely dry (Typically December – March) OTP21 to OTP26 panels may warp slightly. This is due to the fact that only one side of the plywood panel has something bonded to it, and this unbalanced situation, under more extreme climatic conditions, can cause warping. It is recommended that the fabricator cut a number of grooves into the back of the panel to help relieve any warping stress (As per attached illustration).

MEASURING AND ALIGNING OCTOTERRA PANELS

If the OCTOTERRA panels contain a certain pattern, stand them against the wall. You can then rearrange or rotate them to achieve the most desired pattern.

Begin by putting up the panels in the first corner you see as you enter the room. Install the corner panel perfectly plumb using a level or chalked plumb line.

INSTALLING OCTOTERRA PANELS

Installation onto a solid unfinished interior wall is preferred. This could be drywall, but a stronger plywood substrate is preferred. If the wall has any type of wallcovering on it, the covering must be removed.

OTP21 to OTP26

In extreme situations OTP products may have a slight tendency to warp. It is recommended that the back of the plywood sheet be scored as per the attached diagram, to relieve any possible stresses in the material.

Apply a 3/8" (10mm) bead of adhesive onto the wall surface in accordance with the manufacturers recommendations. At the edges, apply a continuous zig zag bead. For OTP series products, the use of biscuits would be recommended to ensure a level surface. Apply OCTOTERRA panels to the wall and apply hand pressure from the center of the panel out to the 4 corners in insure positive contact with the adhesive. Avoid hammering, as it may damage the panel surface.

When the first panel is readied, continue the process with additional panels, leaving a 2mm expansion space between adjoining panels. As an additional measure, a screw should be applied to each corner of the panel, as per the attached diagram.

OTM01 - OTM07

Apply OTM designs using standard panel adhesives. Contact your local supplier for recommendations.

INSTALLATION ON CONCRETE AND MASONRY WALLS

Check the wall for excessive moisture. Walls with moisture must be completely waterproofed before they are paneled, or the adhesive will not perform properly. Install 1" x 2" furring strips on 16" centers. The strips can either be glued in accordance with the manufacturers recommendations, or secured with concrete nails. A sheet of 3/4" plywood should then be adhered to the furring strips if OTM series products are being installed.

OTP27 – OTP35

All panels are numerically sequenced, so each panel interlocks completely with the next panel in the sequence. Panels can be mounted using standard “Z” clips; glued with an industrial adhesive such as PL-350, and / or attached using screws and an anchor system in the wall.

CUTTING

OCTOTERRA panels should be cut on a table saw with a blade speed between 4000 and 6000 RPM. Only sharp blades with a minimum of 80 teeth should be used. Cut the panels with the decorative side face up. Adjust the blade height to achieve the best results. Due to the nature of the product, some small sections of the OctoTerra surface may pop off during cutting. These can be saved and re-glued easily.

FINISHING

After panels are installed, clean the surface to remove any dirt or dust. For all raw wood designs, it is recommended that two coats of a lacquer be applied to properly seal the surface. Check with your local supplier for product recommendations.

CARE AND MAINTENANCE

Regular cleaning is the best way to maintain the beauty of OCTOTERRA panels. Light brushing with a duster or vacuuming will remove any accumulated dust or dirt. Avoid excessive brushing or rubbing.

For general dirt or oily spots, sponge the affected area with the foam only from a mild detergent. In extreme cases, more than one treatment may be necessary.

SHADE AND TEXTURE VARIATION

OCTOTERRA panels are made from natural products, and therefore cannot be guaranteed to be consistent from panel to panel. By arranging individual panels before installation, the optimal visual effect will be achieved. There is no guarantee of a perfect match at the edge from panel to panel.

FIRE RATING

In order to achieve Class A fire rating, an approved fire rated lacquer or coating must be used as per manufacturer's instructions. Alternatively, panels can be treated by American Flamecoat to achieve a Class A rating.

WARRANTY

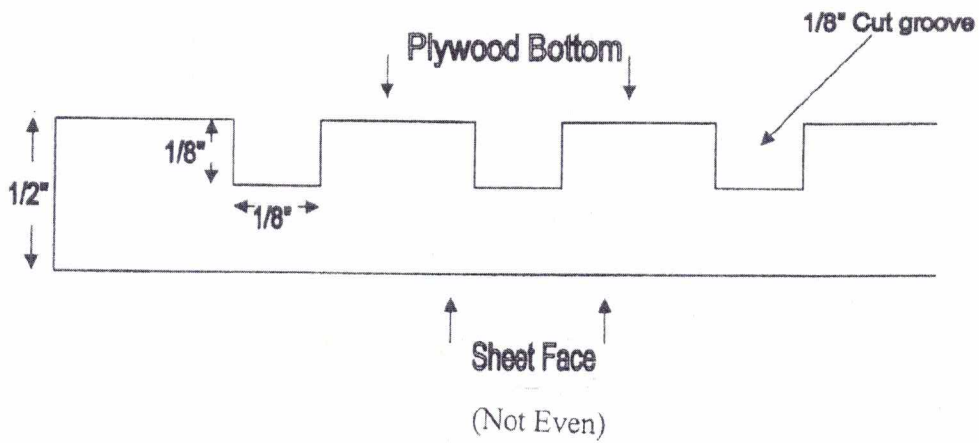
OCTOTERRA panels are warranted to perform to industry specifications. Damage from high wear or abusive situations is not warranted.

Defective material is to be returned in its original state to the supplier for replacement. Ant cut or altered panels will not be accepted.

As specific installation details, structural design and environmental conditions are beyond the control of the supplier, we cannot accept responsibility for the performance of the product after installation.

OCTOTERRA OTP21 – OTP26

Side View With 1/8" Grooves



Bottom View of 1/8" Grooves

OTP 21 - OTP 26

