

Receiving

Panels will arrive in a custom crate via common carrier. If there is any damage present to the packaging, please notate. If the packaging has significant damage, then open the crate and check for damages. Do not sign for the shipment or let the driver go until you are certain there is no damage. By signing the delivery slip, you are forfeiting your right to make a claim on the material.

Unpacking:

We use a multitude of packing materials to ensure no damage is done to the Tekstur panels. When un-packing, please be careful not to damage the panels with your tools.

Storage:

Panels should be stored flat and protected from large swings in humidity and temperature. If the panels are to be staged for more than a week, we recommend placing stickers in between each panel so the panels are ventilated from all sides. If you start to see any cupping or warping on the panels, we recommend flipping them over and allowing them to sit for a couple of days.

Cutting, Machining & Buffing Recommendations

Richlite & Stratificato

Blade: Carbide, Triple Chip, ATB, zero or negative rake. Most Solid Surface blades

Router Bits: Double Flute carbide

Router Feeds & Speeds: typically 18,000 rpm @ 200ipm

Recommended Bit Lubricant: Bostik Driccoat

Addressing Cut Edges:

When cnc milled with proper tooling, feeds & speeds, the edges should not need much attention. Simply apply the specified edge treatment and move on to buffing. If other tools were used to cut and you need to remove tool marks, then use a random orbit or belt sander fitted with 150 grit aluminum oxide sand paper. Be careful not to roll the sander onto the face of the material or you risk damaging the pattern on the face.

In most cases, addressing the edges will mean little more than knocking the sharp edge with sand paper or a small laminate trimmer with a 1/16"r bit.

FINISHING & BUFFING

Buffing

Use one of the following based on the application. Apply a with a terry cloth buffing pad on an orbital or random orbit buffer. Osmo Poly-X oil, Richlite Color Enhancer, Minwax Clear Wipe-On Poly.

Richlite Enhancer & Osmo Poly-X:

Apply a small amount to the terry cloth pad. In a cross hatch pattern, allow the buffer to work the buffing compound into the material. If you apply too much of either of these solutions then you risk gumming up the surface. Remember, buffing these panels is only to bring out the inherent beauty of the material and deepen the color, not to try and form a protective finish. It is better to be conservative and add a little more to the pad if needed then go heavy handed with the first pass.

Note: When using Richlite Tekstur panels for exterior applications it's best to leave the material as is. The material does not need protection. When exposed to the elements you should allow the material to take on its own patina. The paper-phenolic composites do not take hard coat finishes.

Glueing: 2-part structural wood epoxies. We recommend System Three or West System

Recommended Installation Methods

It is very important that installers follow proper industry techniques when installing Tekstur Panels. The quality of the fit & finish of a Tekstur panel installation relies heavily on the *preparation of the sub-surface* in which the panels will be mounted. Tekstur panels are rigid and will not compensate for variations in the wall surface. Make sure you are starting with walls that are plumb and level.

Note: We discourage applying Tekstur panels directly to the wall. If there are project constraints in which the Tekstur panels need to be applied directly to the wall surface then we recommend the thinnest available thicknesses (1/8" or 4mm). Apply the panels using one of the specialty industrial tapes (supplied by Eco Supply), along with a suitable construction adhesive. For guidance, please consult with one of our experts to discuss the specifics of the project.

Button-Fix

We highly recommend the use of the Button-Fix system for wall surfacing applications. The Button-Fix system utilizes high strength fittings that allow the installer to move efficiently and accurately through a Tekstur panel installation. For more information on Button-Fix, please visit <https://shop.ecosupplycenter.com/collections/button-fix>

Monarch Z-Clip

We recommend the Monarch brand if using Z-clips for your installation. For thin panels, when it is difficult to get a mechanical fastener into the panel, The.....system combines high quality aluminum extrusions with industrial adhesive tape. Combine this with 5mm machine screws to securely mount the extrusions.

TUFF TAPEHB

A 43 mils double-sided acrylic foam tape with a high bond adhesive engineered to offer high performance peel and shear adhesion, high internal strength, good conformability and excellent plasticizer resistance. Get more information or purchase here: <https://shop.ecosupplycenter.com/products/tuffhb-tape-1-x-108-high-bond-tape>

Cabinetry & Furniture Applications

Tekstur panels used as door & drawer faces in kitchen cabinets and furniture. For this application we recommend using 12mm or ½" material and a shallow cup European style hinge supplied by Blum, or, ordering full thickness 18mm or ¾" material and using the standard 32mm European cup hinge. Because of the possibility of warping and/or cupping, we do not recommend laminating thinner Tekstur panels onto a substrate, unless you plan on balancing the laminated panel by applying the thinner Tekstur panel to both sides of the substrate.

Tekstur paper-phenolic panels can be cut and machined as structural Millwork and furniture components. It is possible to order panels up to 3" thick. Please consult one of our experts to discuss your design intentions.

Outdoor & Wet Environments: Tekstur Richlite panels can be used outdoors and in wet environments. Please consult one of our expert for detailed information about which colors colors perform the best

Thermacork & Suberra

Tekstur Cork is an excellent solution for acoustical sound dampening and insulation. Because of the stability and light weight properties of cork, the Tekstur Cork panels can be installed with a number of different methods. Glueing & screwing directly to the wall is acceptable, as well as, the other fixture based systems described for the paper-phenolic panels.

Standard woodworking tools and methods are used to cut, shape, sand and finish the cork materials. Cork has a natural resistance to staining, and because of its closed cell structure is impervious to water. (It floats). It is not necessary to protect the surface with one of the standard varnishes, lacquers and polyurethanes typically associated with architectural Millwork, however, Tekstur Cork panels will accept all of these finishes. Applying a hard coat finish to the cork is only necessary if a certain level of finish is desired or if cleaning/maintenance to the surface will be regularly performed. If you do choose to apply a finish to the material, then simply use the same methods and finishes you would use for other wood products in that application.

Richlite & Stratificato

The panel size is true to 48"X 120", with a tolerance of .003. The patterns on all Tekstur panels are programmed to be slip matched. Expansion & contraction with the paper-phenolic is minimal, however, we recommend a 1/8" or 2mm reveal between each panel for interior vertical applications and a 3/8" reveal for exterior wall applications. If the panels are being used in an exterior application, then we recommend allowing ample airspace behind the panel. To achieve this, you can use a number of batten or rain screen fixture systems to fix the panels.

Warning: In exterior applications, DO NOT fix the panels directly to the wall. The panel spacing and attachment must allow air to circulate around all surfaces of the panel. Not adhering to these guidelines could result in both failure of the panel system and damage to the exterior of the building.