



THE STRIATA™ FUSION STORY

Striata Fusion is an interior architectural panel that offers unique beauty and demonstrated durability with a clear focus on sustainability. Using the Striata™ 100% Douglas Fir panel as a substrate, the exclusive TorZo Surfaces acrylic infusion process transforms Striata's existing natural beauty with color into a surfacing material that is suitable for vertical, horizontal and specialty applications in any interior environment, including high traffic and demanding installations. With 8 distinctive color options, Striata Fusion offers the design professional an opportunity to select a tailored look that will complement both a natural and stylized interior design aesthetic.

SUSTAINABILITY

- No added urea formaldehyde
- SFI certified Douglas Fir
- Certified low VOC performance

POTENTIAL FOR LEED CREDIT CONTRIBUTION

Indoor Environmental Quality:

- No Added Urea Formaldehyde (IEQ4.4)
- Low Emitting Materials (IEQ4.3)
- Wall Elements (IEQ4.6)

Materials and Resources: Regional Materials (MR 5)

Innovation & Design: Voluntary Use of Low Emitting Materials (10.1)

KEY FEATURES

- Premium 100% Pacific Northwest Douglas Fir
- Layering technology creates attractive linear aesthetic
- Proven durability
- Easily fabricated
- Available in 8 colors

IDEAL FOR

- Wall Paneling
- Casework
- Tabletops
- Horizontal Surfaces
- Retail store fixtures
- Furniture

FABRICATION

Striata™ Fusion panels require the same fabrication equipment, techniques and products as typical wood substrates. No unique technology is required.

SURFACES

All Striata Fusion panels are made from layered Douglas Fir veneers and may show slight color and grain pattern variation. Panel faces may include small voids naturally occurring in raw material which can be filled with stainable wood filler if desired.

Striata panels are machine sanded to 220 grit, with edges squared to 90 degrees.

HANDLING

Store Striata Fusion panels in climate controlled conditions on a flat, level surface with adequate support. Care should be taken when handling Striata Fusion panels as the presence of splintered wood fibers can occur on the face or edges.

MACHINING AND FASTENING

Striata Fusion panels are worked using standard fabricating techniques applicable for plywood panel products and will accept standard fasteners and wood adhesives. Care should be taken when cutting and machining Striata Fusion as the edges can splinter similar to vertical grain fir lumber. Striata Fusion recommends a minimum of 3/16" round over on all exposed edges for best results.

FINISHING

All Striata Fusion panels are shipped from the factory unfinished, unless otherwise indicated. As a part of the fabrication process, each panel requires a clear finishing topcoat, which is typically polyurethane, conversion varnish, lacquer, or other approved product.

For in-depth fabrication information, please see the TorZo Fabrication Guide at TorZosurfaces.com.

SPECS

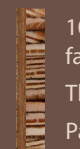
PROPERTY	STRIATA 360	UNITS
Thickness	5/8"	inches
Density	68	lbs/ft ³
Internal Bond	287	lbs/ft ²
Modulus of Rupture	15,387	lbs/ft ²
Modulus of Elasticity	2,155,160	lbs/ft ²
Janka Hardness	4589	lbs
Screw Holding Face	633	lbs required to pull 1" #10 sheet metal screw
Screw Holding Edge	478	lbs required to pull 1" #10 sheet metal screw
Linear Expansion	0.01	% dimensional change in length and width due to humidity change from 50%-80% RH
Moisture Content	3.9	%, oven dry basis
Fire Rating	Class C*	ASTM E84 (*can be A with proper coating)

STRIATA™ FUSION 360



3-ply; 100% Douglas Fir
Thickness: 5/8"
Panel Size: 36" x 96"

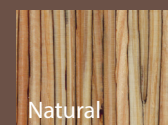
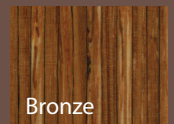
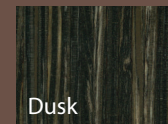
STRIATA™ FUSION SURFACE



100% Douglas Fir
face, Meranti back
Thickness: 1/4"
Panel Size: 36" x 96"

AVAILABLE COLORS

STANDARD COLORS



PREMIUM COLORS

