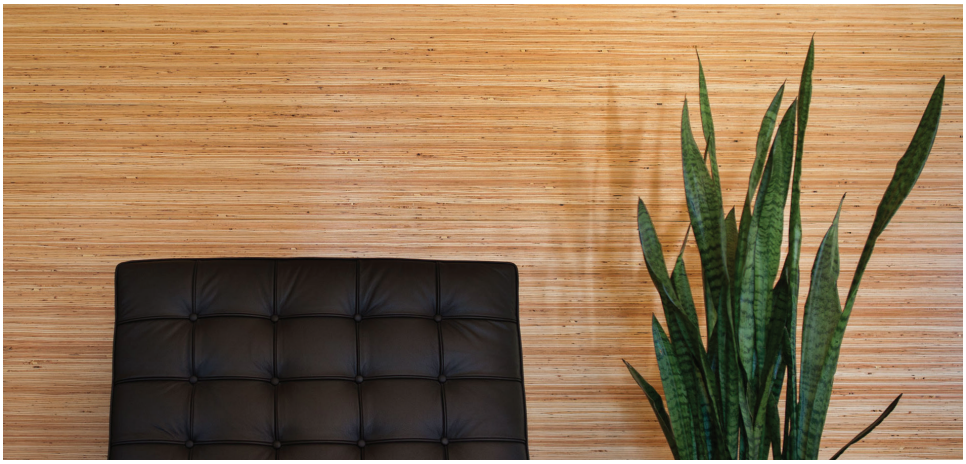
TorZo
sustainable surfaces

STRIATA™



THE STRIATA™ STORY

The evolution of each Striata panel begins with premium 100% Northwest Douglas Fir structural beams made from the responsibly harvested lumber of SFI certified forests. These beams are traditionally destined to be hidden behind sheetrock, laminated and painted as solid core doors, or used as scaffold planking. While useful, these applications all overlook the beautiful aesthetic potential within each unique beam. Through our proprietary process we proudly transform these Douglas Fir beams into visually stunning panels with proven durability and performance in a wide variety of demanding commercial environments.

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
- Easily fabricated

IDEAL FOR

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

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FABRICATION

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

SURFACES

All Striata 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 120 grit, with edges squared to 90 degrees.

HANDLING

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

MACHINING AND FASTENING

Striata 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 as the edges can splinter similar to vertical grain fir lumber. Striata recommends a minimum of 3/16" round over on all exposed edges for best results.

FINISHING

Standard wood stains and finishes can be used on Striata panels. Follow finish manufacturer's instructions for best results. TorZo recommends applying a heavy and durable finish especially for horizontal applications.

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

SPECS

PROPERTY	STRIATA 360	UNITS
Thickness	3/4"	inches
Density	38	lbs/ft^3
Internal Bond	159	lbs/ft^2
Modulus of Rupture	11,923	lbs/ft^2
Modulus of Elasticity	1,661,152	lbs/ft^2
Janka Hardness	1141	lbs
Screw Holding Face	441	lbs required to pull 1" #10 sheet metal screw
Screw Holding Edge	307	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	7.3	%, oven dry basis
Fire Rating	Class C	ASTM E84 (*can be A with proper coating)

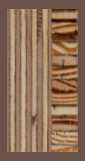
COLOR

Striata is offered in natural wood tone and can be custom stained and finished in a variety of color/gloss combinations.

STRIATA™ 360

3-ply; 100% Douglas Fir
Thickness: 3/4"
Panel Size: 48" x 96"

STRIATA™ SURFACE



100% Douglas Fir face, Baltic Birch back
Thickness: 3/4"
Panel Size: 47" x 95"

100% Douglas Fir face, Meranti back
Thickness: 1/4"
Panel Size: 47" x 95"

Striata™ is manufactured exclusively for TorZo® Sustainable Surfaces by SPEKPLY™ Architectural Products.