



Material Connexion

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ANVI Fusion

Artecraft International >>

MC# 7289-02

Category: Naturals

DESCRIPTION MANUFACTURER CONTACT

Bespoke panel that is comprised of an acrylic resin cast between two FSC® certified solid wood outer surfaces. The resin is chosen from various shades so as to be able to aesthetically change the appearance of a lumber by adding translucency. It is finished with polyurethane (PU) for higher scratch resistance. The panel is available in sizes range from 6 x 6 in (15 x 15 cm) to 6 x 12 ft (183 x 365 cm), the color and size of this material is fully customizable upon request. Applications include solid surfacing for interior décor.

Headquartered in: India

Processing

Injection Molding: No
Extrusion: No
Cold Pressing/Deep Drawing: No
Blow Molding: No
Thermofforming: No
Lamination: No
Printable: No
Stitchable: No
Rotomolding: No
Weldable: No
Wood Working Tools: Yes
Die cut: No
Metal Working Tools: Yes
Castable: No

Sustainability

Certified
 Renewable Content

Usage Properties

Cradle to Cradle: N/A
Fire resistance: High
Usage temperature: Low
Colorfastness: High
Wear Resistance: High
Water Resistance: High
Acoustics: Sound diffusing
Chemical Resistance: Medium
UV resistance: High
Scratch resistance: Medium
Outdoor use: No
Tear Resistance: N/A
Reflectivity: Light absorbing
Stain Resistance: High
Thermal Conductivity: Low

Physical Properties

Stiffness: Stiff
Structure: Closed
Impact Resistance: Good
Surface/Texture: Glossy, Pattern
Transparency: Opaque, Translucent, Transparent
Surface Hardness: Hard



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ANVI Wood Droplets

Artecraft International >>

MC# 7289-05

Category: Polymers

DESCRIPTION MANUFACTURER CONTACT

Cast acrylic panel that is evenly embedded with square wood blocks for decorative effect. The incorporation of acrylic produces a translucency, which allows light to be transmitted through it used with a backlight source. The colors of the resin and the species of the wood are customizable upon request. The panel is available in sizes ranging from 6 x 6 in (15 x 15 cm) to 6 x 12 ft (183 x 365 cm). Applications include furniture, bar fronts, counter tops and fronts, coffee tables, partitions, columns, ceilings, bathroom surfaces, wall paneling, doors, floor clocks and lamps.

Headquartered in: India

Processing

Injection Molding: No
Extrusion: No
Cold Pressing/Deep Drawing: No
Blow Molding: No
Thermofforming: No
Lamination: No
Printable: No
Stitchable: No
Rotomolding: No
Weldable: No
Wood Working Tools: Yes
Die cut: No
Metal Working Tools: Yes
Castable: No

Sustainability

Renewable Content

Usage Properties

Cradle to Cradle: N/A
Fire resistance: Medium
Usage temperature: Low
Colorfastness: High
Wear Resistance: High
Water Resistance: High
Acoustics: Sound reflecting
Chemical Resistance: Medium
UV resistance: High
Scratch resistance: Medium
Outdoor use: No
Tear Resistance: N/A
Reflectivity: Light absorbing
Stain Resistance: High
Thermal Conductivity: Low

Physical Properties

Stiffness: Stiff
Structure: Closed
Impact Resistance: Good
Surface/Texture: Glossy
Transparency: Transparent
Surface Hardness: Hard



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ANVI Routed

Artecraft International >>

MC# 7289-04

Category: Polymers

DESCRIPTION MANUFACTURER CONTACT

Rigid colored transparent acrylic panel incorporated between wood panels. It utilizes CNC routing to create a topographical surface. The combination of wood and translucent resin creates a distinctive visual effect. Panels are cast up to 6 x 12 ft (1.83 x 3.66 m) with a standard size of 1.2 x 2.6 m (3.9 x 8.5 ft) and with a typical thickness of 1/2 in (13 mm). The cast resin is available in white, black and eight other colors, with 12 different species of wood to choose from. Each of these woods is available with each of the colors and in 78 designs. Customized patterns are possible as well as color-matching options for the cast resin. Applications include interior doors, room dividers, counters, desks, shelving, cabinets and other horizontal and vertical interior surfaces.

Headquartered in: India

Processing

Injection Molding: No
Extrusion: No
Cold Pressing/Deep Drawing: No
Blow Molding: No
Thermofforming: No
Lamination: No
Printable: No
Stitchable: No
Rotomolding: No
Weldable: No
Wood Working Tools: Yes
Die cut: No
Metal Working Tools: Yes
Castable: No

Sustainability

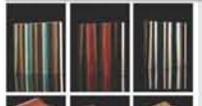
Renewable Content

Usage Properties

Cradle to Cradle: N/A
Fire resistance: High
Usage temperature: Low
Colorfastness: High
Wear Resistance: High
Water Resistance: High
Acoustics: Sound diffusing
Chemical Resistance: Medium
UV resistance: High
Scratch resistance: High
Outdoor use: No
Tear Resistance: N/A
Reflectivity: Slightly reflective, Light absorbing
Stain Resistance: High
Thermal Conductivity: Low

Physical Properties

Stiffness: Stiff
Structure: Closed
Impact Resistance: Good
Surface/Texture: Glossy, Pattern
Transparency: Opaque, Translucent, Transparent
Surface Hardness: Hard



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ANVI Radiant/Intarsio

Artecraft International >>

MC# 7289-03

Category: Polymers

DESCRIPTION MANUFACTURER CONTACT

Rigid colored transparent polymer panel that incorporates a wood veneer on each face. CNC routing of the top surface of the face of the panel creates channels of light transmission through the opaque wood veneer. The routing process cuts a groove between 2 and 4 mm (0.08 - 0.15 in) deep and the surface is then polished to remove any rough edges. Panels are cast up to 6 x 12 ft (1.83 x 3.66 m) with a standard size of 1.2 x 2.6 m (3.9 x 8.5 ft) and with a typical thickness of 1/2 in; 13 mm, (10 mm thick resin panel and 1.5 mm thick veneer each face). The cast resin is available in white, black and eight other colors, with veneers of 12 different species of wood offered on the faces. All of these woods are available with each of the colors and in 78 designs. Customized patterns are possible as well as color-matching options for the cast resin. Applications include interior doors, room dividers, counters, desks, shelving, cabinets and other horizontal and vertical interior surfaces.

Headquartered in: India

Processing

Injection Molding: No
Extrusion: No
Cold Pressing/Deep Drawing: No
Blow Molding: No
Thermofforming: No
Lamination: No
Printable: No
Stitchable: No
Rotomolding: No
Weldable: No
Wood Working Tools: Yes
Die cut: No
Metal Working Tools: Yes
Castable: No

Sustainability

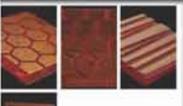
Renewable Content

Usage Properties

Cradle to Cradle: N/A
Fire resistance: High
Usage temperature: Low
Colorfastness: High
Wear Resistance: High
Water Resistance: High, Medium
Acoustics: Sound diffusing
Chemical Resistance: Medium
UV resistance: High
Scratch resistance: High
Outdoor use: No
Tear Resistance: N/A
Reflectivity: Slightly reflective, Light absorbing
Stain Resistance: High
Thermal Conductivity: Low

Physical Properties

Stiffness: Stiff
Structure: Closed
Impact Resistance: Good
Surface/Texture: Glossy, Pattern
Transparency: Opaque, Translucent, Transparent
Surface Hardness: Hard



Tag this material as:



We are pleased to announce that:

ANVI Solitaire

Produced by:

Artecraft Impex International

Category:

Polymers

Has been selected by the jury at MCX for inclusion
in its material library.

A handwritten signature in black ink, appearing to read "Andrew H. Dent".

Dr. Andrew H. Dent
VP Library and Materials Research

08.28.2014

Date

