Wood Panels-
Interlocking

Surfacing Solutions With A Rich
Canvas Of Layers And Textures

- Carved Wood Panels
- Hybrid Barn Wood Panels
- Interlock Eco- Panels
- Interplait Eco- Panels
- Interwoven Eco- Panels
- Pattern Play Acoustical/Decorative Panels
Visit archsystems.com for the full line of interior finishes, request samples and our digital product catalog; View a gallery of global projects and purchase in stock materials.
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- Discover the ASI Advantage®
ASI | Architectural Systems, Inc. is a leading global resource for innovative, distinctive and sustainable interior finishes.

Foremost architects and designers, along with the broad base of decision makers across all market segments collaborate with ASI for their material expertise, project management from start to finish, material take-offs/on-site support, commitment to service, product solutions, custom capabilities and a robust range of finishes for wall surfaces, flooring and more...

ASI curates dimensional wood panels, high-performing hardwoods, luxury vinyl and porcelain plus natural stone and decorative surfacing material to provide the right aesthetics for your design vision and budget with the added ease of finding it all in one place!

Visit us in our new space where we welcome the opportunity to collaborate with you!

256 W 36th Street, 10th Floor, New York, NY 10001
Browse through this brochure of 6 outstanding wood panel collections that highlight a shared interlocking construction, textured and dimensional natural wood patterns in a range of species and tonal colorations that communicate a blend of nostalgic yet contemporary designs for interior architecture.

Also note our newest specification for interlocking patterns with a varnish finish will now have an antimicrobial coating applied as a health and wellness benefit, moving into the new now.
Introducing the new **Carved Wood Panels**, available exclusively from ASI this all-natural collection, is available in White Oak and Poplar and two textured pattern options: **Squares** and **Gridlock**. The 16" x 60" panels are easy to install with a durable birch backing for an impactful focal wall statement with an artisanal vibe.
SPECIFICATIONS:

PANEL SIZE: 16" x 60"
SEGMENT SIZE: Squares: 2" x 2"; Gridlock: 4" x 4"
THICKNESS: 11mm-14mm including backing
BACKING: 3mm Birch
SPECIES: White Oak and Poplar
FINISH: 100% Natural Oil, Low VOC
INSTALLATION: Interlocking, Glue and Finishing Nails
  • Can contribute to LEED®
  • Please note that variations in color and texture may occur due to the nature of the material

White Oak - WPVEP158
Poplar - WPVEP160
White Oak - WPVEP161
Poplar - WPVEP163

View Collection
These five stand-alone reclaimed and organic patterns with a rich layering of inviting textures give Hybrid Barn Wood Panels a definite old school yet contemporary feel. Each have an interlocking installation method with a birch backing and are Lacey Act Compliant and In Stock. Choose or combine Basketweave, Chevron, Heritage, Smoked End Grain and Vintage timbers offered in a range of mixed species, sizes and finishes to provide a distinctly nostalgic design for interior architecture.
Hybrid Barn Wood Panels

SPECIFICATIONS:

SIZE: Basketweave: 14" x 40"; Chevron: 16 ½" x 59 ½";
Smoked End Grain: 11 ¾" x 56 ½"; Vintage: 14" x 44"; Heritage: 14" x 44"

THICKNESS: Basketweave: 10mm and 11mm; Chevron: 11mm and 13mm;
Smoked End Grain: 12mm, 17mm and 22mm; Vintage: 8.5mm and 10mm;
Heritage: 12mm and 15mm (including backing)

BACKING: Birch 6mm

FINISH: Unfinished, Naturally Aged; Smoked End Grain: 100% Natural Oil Stain;
Heritage: 100% Natural Oil Finish

SPECIES: Reclaimed mix of Pine, Cedar and Spruce

INSTALLATION: Interlocking, Glue and Finishing Nails
  • Corner Moldings (Charcoal Stained) Available for Basketweave, Chevron,
    Vintage and Heritage only Contact sales@archsystems.com
  • Lacey Act Compliant
  • VOC Free
  • Can contribute to LEED®
  • In Stock products are subject to availability
  • Please note that variations in color and texture may occur
due to the nature of the material

View Collection

archsystems.com
Ushering in a new collection of streamlined patterns of **Interwoven** and **Interplait Eco-Panels** with artistic color washes that enhance our robust offering of surfacing solutions: **Interlock Eco-Panels** are contemporary shades of Maple, Walnut and Knotty White Oak constructed from recycled wood and interlock seamlessly for an organically graceful design.

**HEALTH AND WELLNESS:** Antimicrobial coating available upon request
SPECIFICATIONS:

SIZE: WPVEP082, WPVEP084, WPVEP088: 14" x 44"; WPVEP186, WPVEP287, WPVEP288: 14" x 57"

THICKNESS: WPVEP082, WPVEP084, WPVEP088: 8.5mm and 10mm; WPVEP186, WPVEP287, WPVEP288: 7mm and 10mm (including backing)

BACKING: WPVEP082, WPVEP084, WPVEP088: 3.1mm Birch; WPVEP0186, WPVEP288, WPVEP287: 3.1mm Fibrex

FINISH: UV Varnish, 10% Low Sheen

SPECIES: Maple, Walnut and Knotty White Oak

INSTALLATION: Interlocking, Glue and Finishing Nails

PACKAGING: WPVEP082, WPVEP084, WPVEP088: 4.25 SF panel, 4 panels per box (17 SF per box); WPVEP186, WPVEP287, WPVEP288: 5.5 SF panel, 4 panels per box (22 SF per box)

HEALTH AND WELLNESS: Antimicrobial coating available upon request

- Corner Moldings and outlet frames available. Contact sales@archsystems.com
- Lacey Act Compliant
- Low VOC emissions
- Class B Fire Rated
- Can contribute to LEED®
- In Stock products are subject to availability
- Please note that variation in color and texture may occur due to the nature of the material
Diverging nature and nostalgia, the six new Interplait Eco-Panels communicate a blend of textures in a serene tonal range with an interlocking installation in White Oak or Cedar. Beautifully tactile, this sustainable, enriched collection complements our Interwoven and Interlock Eco-Panels, offering an exalted industrial aesthetic.
SPECIFICATIONS:

SIZE: WPVEP141-WPVEP143: 14" x 47"; WPVEP229: 13.5" x 49"; WPVEP280, WPVEP282: 18" x 47"

THICKNESS: WPVEP141, WPVEP142, WPVEP143: 11.5mm and 13.5mm (including backing); WPVEP229: 12mm, 16mm, and 26mm (including backing); WPVEP280, WPVEP282: 8.5mm and 10.5mm (including backing)

BACKING: WPVEP141, WPVEP142, WPVEP143: 9mm Birch; WPVEP229, WPVEP280, WPVEP282: 6mm Birch

SPECIES: WPVEP141: Walnut; WPVEP142, WPVEP143: White Oak; WPVEP229: Pine; WPVEP280, WPVEP282: Cedar

FINISH: 100% Natural Oil, Low VOC

INSTALLATION: Interlocking, Glue and Finishing Nails
- Corner Moldings Available. Contact sales@archsystems.com
- Lacey Act Compliant
- Low VOC emissions
- Can contribute to LEED®
- Please note that variations in color and texture may occur due to the nature of the material
Linear yet dimensional, **Interwoven Eco-Panels** provide a canvas of layers and textures for feature and focal walls. The panels are offered in a range of species in rich, natural colorations with a seamless interlocking installation. This modern, fresh product is also sustainable.

**HEALTH AND WELLNESS:** Antimicrobial protective coating upon request (upon request) for WPVEP017 only
**SPECIFICATIONS:**

**SIZE:** WPVEP017, WPVEP066, WPVEP047, WPVEP046: 13.5" x 53.5"; WPVEP042-44: 12" x 60"

**THICKNESS:** 8.5mm and 10mm including backing

**BACKING:** 3.1mm Birch

**FINISH:** WPVEP017: UV Varnish, 10% Low Sheen; WPVEP042-WPVEP066: 100% Natural Danish Oil

**SPECIES:** WPVEP017: Walnut; WPVEP046: Maple; WPVEP047: Red Oak; WPVEP042-044: Mixed Species; WPVEP066: White Oak

**INSTALLATION:** Interlocking, Glue and Finishing Nails

**PACKAGING:** WPVEP017, WPVEP066, WPVEP047, WPVEP046: 5 SF per panel, 6 panels per box (30 SF per box); WPVEP042-WPVEP044: 5 SF per panel, 5 panels per box (25 SF per box)

**HEALTH AND WELLNESS:** Antimicrobial protective coating upon request (upon request) for WPVEP017 only

- Corner Moldings Available. Contact sales@archsystems.com
- Lacey Act Compliant
- No VOC Emissions
- Can contribute to LEED®
- In Stock products are subject to availability
- Please note that variations in color and texture may occur due to the nature of the material
The sense of hand is apparent in each of the expressive patterns from our newest wood panel offering, Pattern Play Acoustical/Decorative Panels: Cuboid, Contour, Linear, Ziggurat and Formation. All are made from natural walnut and white oak wood veneers with an MDF core that have an antimicrobial protective coating and share an interlocking installation method with corner trims available. Linear, Ziggurat and Formation are enhanced with a four layer construction to provide a dimensional and distinctly designed acoustical panel. Ziggurat and Linear are available with the acoustical backing option or as a decorative veneer while Cuboid and Contour are solely decorative panels. These playful patterns point to the nuances for today’s spaces aesthetically, acoustically and with a focus on wellness.

HEALTH AND WELLNESS: Antimicrobial protective coating
SPECIFICATIONS

SIZE: Acoustical: WPVEP319 and WPVEP320: 11 ¾" x 47 ¾"; WPVEP321: 11 ¾" x 46 ¾"; WPVEP322: 23 ½" x 23 ½"; Decorative: WPVEP324: 17.14" x 45.15"; WPVEP325: 16.05" x 41.69"; WPVEP326: 24" x 24"; WPVEP323: 14" x 56"; WPVEP327: 23 ½" x 23 ½"

THICKNESS: Acoustical: WPVEP319 and WPVEP320: 52.3mm; WPVEP321: 52.1mm; WPVEP322: 51.5mm; Decorative: WPVEP323: 10.6mm (including backing); WPVEP324 - WPVEP327: 7mm (including backing)

CONSTRUCTION: Acoustical: WPVEP319 and WPVEP320: 4 layers - Wood: 3.3mm - 4.8mm, Felt: 6.4mm, Honeycomb cardboard: 38.1mm, MDF: 3mm; WPVEP321: 4 layers - Wood: 4.6mm, Felt: 6.4mm, Honeycomb cardboard: 38.1mm, MDF: 3mm; WPVEP322: 4 layers - Wood: 4mm, Felt: 6.4mm, Honeycomb cardboard: 38.1mm, MDF: 3mm; Decorative: WPVEP323: 6mm Russian Birch; WPVEP324 - WPVEP327: 3mm Fibrex

FINISH: 10% sheen UV Varnish

SPECIES: WPVEP319, WPVEP321, WPVEP322, WPVEP323, WPVEP324, WPVEP326 and WPVEP327: White Oak veneer; WPVEP320 and WPVEP325: Walnut veneer

INSTALLATION: Acoustical: Glue and nail over plywood or drywall only; Decorative: Interlocking, Glue and Finishing Nails

HEALTH AND WELLNESS: Antimicrobial protective coating

- Corner moldings available
- Movable partitions - acoustical or decorative panels can be customized and fabricated to your specifications, contact sales@archsystems.com
- No VOC emissions
- Class A Fire Rated (upon request), minimums may apply
- When Fire Rated, the antimicrobial protective coating will not be put on
- Acoustical: Sound Absorbing, NRC = 0.66
- Can contribute to LEED®
- In stock products are subject to availability
- Please note that variations in color and texture may occur due to the nature of the material
Pattern Play - Acoustical/Decorative

- Formation - White Oak
  WPVEP319

- Formation - Walnut
  WPVEP320

- Ziggurat - White Oak
  WPVEP321

- Linear - White Oak
  WPVEP322

- Cuboid - White Oak
  WPVEP324

- Cuboid - Walnut
  WPVEP325

- Formation - Walnut
  WPVEP320

- Ziggurat - White Oak
  WPVEP321

  Acoustical: WPVEP321
  Decorative: WPVEP323

- Linear - White Oak
  WPVEP322

  Acoustical: WPVEP322
  Decorative: WPVEP327

View Collection
Where to Find Technical Information

Refer to Collection Product Page on our website, archsystems.com/products/search/wood-panels. Scroll down, and you will find specifications, installation method, maintenance, warranty, plus technical data.

Collection Specifications and Downloads

Interwoven Eco-panels

Linear yet dimensional, Interwoven Eco-panels provide a canvas of layers and textures for feature and focal walls. The panels are offered in a range of species in rich, natural colorations with a seamless interlocking installation. This modern, fresh product is also sustainable.

Installation Method

TOOLS:
- Vertical adhesive through ASI
- Spec: IWF FLOT1225
- Caulking gun
- Electric mitre saw
- Tablesaw
- Stepladder
- Level
- Measuring tape
- Cutter
- Pneumatic finish hammer (#23 gauge finish nail)

MAKE SURE YOUR KNIVES AND SAW-BLADES ARE IN PRIME CONDITION.

First, check the wall(s) is level from floor to ceiling and edge-to-edge. If not, adjust accordingly.

STEP 1:
If you are using moldings, leave space accordingly around the perimeter of your installation area.

STEP 2:
Cut a minimum of 6" (15 cm) from the male side of your first panel, save the female cut section of the panel to start the wall.

STEP 3:
A. Apply a line of vertical adhesive through ASI, Spec IWF FLOT1225 in the form of a rectangle (1/2" (1.3 cm) from edges) and an X inside the rectangle.

STEP 4:
Position the first panel at the lower left section of the wall in the adjustment area if you are using moldings.

STEP 5:
If you are using moldings, leave space accordingly around the perimeter of your installation area.

STEP 6:
Apply glue at the edges of each piece.

STEP 7:
Position the first panel at the lower left section of the wall in the adjustment area if you are using moldings.

Preparation

Before installation, make sure wall surfaces and moldings are clean and dry. Leave all wood pieces in their original packaging until you are ready to install. Avoid installing in direct sunlight or excessively humid conditions. Wood panels need to be kept away from any water source.

Application

Position the first panel at the lower left section of the wall in the adjustment area if you are using moldings. If wood pieces detach from a wall panel, reposition using vertical adhesive through ASI, Spec ID# FLDTC025.

 ألية التثبيت

أولاً، تأكد أن جدرانك مستقيمة من الأرض إلى السقف والجدار من الجهة إلى الجهة. إذا لم يكن كذلك، اقلبها.

الخطوة الأولى:
есاهم إن كنت تستخدم مواصفات، اترك الفضاء على حدود جدارك.

الخطوة الثانية:
 حفر 6" (15 سم) من الجهة المانحة من الباب لبداية الجدار.

الخطوة الثالثة:
أضف أشبة الورق وادعى علامة X في شكل مستطيل (1/2" (1.3 سم) من جوانب) ونقطة X اله و Point X في المستطيل.

الخطوة الرابعة:
وضع أول شريط على الجانب السفلي الأيسر من الجدار في المنطقة المطلبة إذا كنت تستخدم مواصفات.

الخطوة الخامسة:
إذا كنت تستخدم مواصفات، اترك الفضاء على حدود جدارك.

الخطوة السادسة:
 adicion أشرطة الورق وادعى علامة X في شكل مستطيل (1/2" (1.3 سم) من جوانب) ونقطة X اله و Point X في المستطيل.

الخطوة السابعة:
وضع أشرطة الورق وادعى علامة X في شكل مستطيل (1/2" (1.3 سم) من جوانب) ونقطة X اله و Point X في المستطيل.

الخطوة الثامنة:
وضع أول شريط على الجانب السفلي الأيسر من الجدار في المنطقة المطلبة إذا كنت تستخدم مواصفات.
Where to Find Technical Information

Maintenance

Clean-up recommendations: a regular dusting with a soft cloth or a feather duster.

Warranty

ASI | Architectural Systems, Inc. guarantees Interwoven Eco-panels against manufacturing defects. If, upon opening a box, a panel is defective or fails to meet Architectural Systems, Inc. quality standards, the consumer may return the panel to ASI | Architectural Systems, Inc. for replacement.

This product is flammable and its use near an important heating source (such as a gas fireplace, solid burning appliances, slow burning stove) is not recommended. Please check the latest construction regulations or the nearest fire department in your locality. In most cases, the use of decorative wood walls is forbidden near these heating sources.

A panel with glue applied to its back or an installed panel (nailed) is deemed accepted and cannot be claimed under warranty. An unglued lamination may be glued back together using vertical adhesive through ASI, Spec ID# FLDTC025. Given the nature of wood, it is possible that Interwoven Eco-panels may exhibit color variations from one panel to the next or from one production lot to the next. We recommend that you arrange the panels on the wall based on your personal color preferences. Such variations may not be claimed under warranty.

Before installing a panel, check the fit prior to spreading glue on the panel. If a panel fails to interlock properly, attempt to position it on a panel in another row. If the Interwoven Eco-Panel once again, fails to interlock properly, please return it to Architectural Systems, Inc. for replacement.

ASI | Architectural Systems, Inc. guarantees the conformity of its products when they are installed according to Interwoven Eco-panels installation guidelines and are maintained in an environment where ambient humidity ranges between 37% and 45%. Failure to comply with installation and maintenance instructions and with recognized trade techniques could void the application of these warranties.

For questions regarding the interpretation of the warranty, contact ASI | Architectural Systems, Inc. sales@archsystems.com
**Surface Burning Characteristics of Building Materials**

**ASTM E84 – 14**

<table>
<thead>
<tr>
<th>Test Sample</th>
<th>Flame Spread Index (FSI)</th>
<th>Smoke Developed Index (SDI)</th>
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<td>WPVEP017</td>
<td>110</td>
<td>140</td>
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<tr>
<td>WPVEP047</td>
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<td>195</td>
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<td>WPVEP042, 043 &amp; 044</td>
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<td>200</td>
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<td>Hybrid Barn Wood Panels</td>
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- Flame spread / Smoke developed index is the result (or the average of the results of multiple tests), rounded to the nearest multiple of 5. Smoke developed results in excess of 200 are rounded to the nearest multiple of 50.

**Technical Data**

### CLASSIFICATION

<table>
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<tr>
<th>CLASSIFICATION</th>
<th>FSI</th>
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<td>CLASS B or II</td>
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<td>CLASS C or III</td>
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Inspirational Project Photos
Corporate Design Interiors, Milwaukee, WI
In-House Design
Featuring Interwoven Eco-panels - WPVEPO47
Corporate Design Interiors, Milwaukee, WI
In-House Design
Featuring Interlock Eco-panels - WPVEP287
Discover the ASI Advantage

Offering a comprehensive range of award-winning innovative and distinctive interior finishes

Explore the Power of Materials® in the ASI Showroom featuring the Next New ThingSM from every collection and full-scale, real world installations

Let’s customize and develop! Send an image that you love, and an ASI material specialist will work with you to meet your design intent and budget criteria

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Passionate about realizing your design vision since 1990

National Account program pricing

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