MATERIAL SPECIFICATION

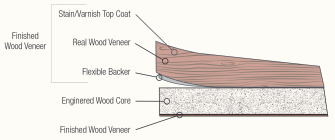
Wood Veneer

Wood Veneer is a real hardwood face bonded to a wood core and sealed with conversion varnish, for interior, climate-controlled restrooms.

MATERIAL	WARRANTY	LEAD TIME	FIRE RATING
Real wood veneer	**5 Years**	**8 Weeks**	**Not rated**
Particle board core	Material warranty	Stocked species	No known fire rating

WHAT IT IS

Wood Veneer partitions carry a real hardwood veneer on both faces of a particle board core, and stile-and-rail doors use an engineered wood core. Edges are banded in matching veneer, and a catalyzed conversion varnish topcoat makes the surface hard and washable.



Stained or clear-coated veneer face on a flexible backer, bonded over a wood core, with finished veneer on the back face.

CONSTRUCTION

COMPONENT	SPECIFICATION
Face	0.032″ (0.8 mm) real wood veneer, wood-backed, both faces
Core	45 lb particle board; 42 lb engineered wood in stile-and-rail doors
Veneer buildup	Approximately 0.067″ (1.7 mm), both faces combined
Door and pilaster thickness	1.25″ (32 mm)
Panel thickness	0.75″ (19 mm)
Edge	Wood veneer banding, PUR adhesive, finished to match the face
Finish	Catalyzed conversion varnish topcoat, both faces

SUITABILITY

Showers and direct water	**No**
Humid restrooms	**No**
Impact and abuse	**No**
Field repair	**Limited**
UV exposure	**Limited**

SPECIFIES WITH

MOUNTING
Headrail Braced · Floor to Ceiling · European · Floor Mount · Ceiling Hung

DOOR STYLES
Flat Panel · Captured Panel · Louver · Door Lite · Applied Molding · Engraving · Inlay · Barn X · Custom Shape

EDGE
Flat Edge · Zero Sightline

MATERIAL SELECTION

STRENGTHS

+ **Natural Wood Character.** Each face is real hardwood veneer, with the natural grain, figure, and color of the species.
+ **Species, Cut, and Grain.** Species, cut, and leaf match are specified together to set the grain character of each face.
+ **Clear Coat or Stain.** Clear coated or stained to specification, with a finished sample verified before production.
+ **Durable, Cleanable Finish.** Catalyzed conversion varnish forms a hard, smooth, non-absorbent, and washable surface.

CONSIDERATIONS

! **Moisture and Climate.** Interior, climate-controlled rooms only; not for direct water, and elevated humidity risks warping or delamination.
! **Traffic and Abuse.** Not recommended for high-traffic or high-abuse rooms, where Compact Laminate is the usual selection.
! **Light Sensitivity.** Natural veneer changes color over time under UV exposure.
! **Natural Variation.** Grain and color vary between sheets, and replacement parts rarely match aged originals.

TECHNICAL REFERENCE

PERFORMANCE

PROPERTY	VALUE
Fire rating	Not rated; no known fire rating
Humidity	Interior, climate-controlled spaces; elevated humidity may cause warping or delamination
Direct water	Not suitable; excluded from showers and pool areas
Impact and abuse	Not recommended for high-traffic or high-abuse environments
Surface wear	Catalyzed conversion varnish; hard, smooth, non-absorbent, washable
UV exposure	Natural veneer changes color over time

SIZING AND LIMITS

ITEM	SPECIFICATION
Max door height	108″ (2743 mm)
Max panel and pilaster height	120″ (3048 mm); mounting style may cap lower
Max panel width	60.5″ (1537 mm); wider panels are spliced or divided at a back-wall pilaster
Sheet sizes	48.25″ × 96.25″ and 60.25″ × 120.25″
Splicing	Available; 9.5″ (241 mm) minimum splice piece
Grain direction	Vertical standard; horizontal by request, with possible splices on taller parts

STANDARD SIZES

COMPONENT	SIZES
Door openings	24″, 36″ 610, 914 mm
Standard door heights	58″, 72″, 84″ 1473, 1829, 2134 mm
Pilaster widths	3″ to 12″ by 1″; 14″ to 30″ by 2″ 76 to 762 mm

HARDWARE AND INSTALLATION

ITEM	REQUIREMENT
Door weight	36″ × 84″: Flat Panel 100 lb, Captured Panel 71 lb, Door Lite 65 lb, Louver 52 lb
Hinges	Surface-mount hinges standard; other Ironwood hinge types available
Closer	Required on doors over 100 lb
Acclimatization	Components acclimatize at installed conditions before installation
Hardware material	Stamped stainless steel standard; cast stainless steel available

FINISHES AND OPTIONS

OPTION	DETAIL
Stocked species	Rift Cut White Oak, slip matched; Flat Cut White Oak and Flat Cut Walnut, book matched
Other species	Available by factory order with a longer lead time
Default match	Flat cut book matched; quarter and rift cut slip matched
Finish	Clear coat, or stain and clear coat, to specification; sample verified before production
Louver slats and moldings	Solid wood compatible with the veneer species in color and grain

CARE AND MAINTENANCE

TASK	INSTRUCTION
Service condition	Wood Veneer is intended for interior, climate-controlled restrooms.
Routine cleaning	Dust regularly and clean with a damp cloth and a mild wood cleaner.
Drying	Rinse and wipe dry promptly.
Avoid	Avoid excess moisture, abrasive cleaners, scouring pads, and harsh chemicals.

WARRANTY

- Limited warranty term: 5 years.

SUSTAINABILITY AND DOCUMENTATION

ATTRIBUTE	DETAIL
Finish emissions	Low-VOC finishes standard
Documentation	Supplier documents on sourcing, content, and VOC apply to the materials they identify

RELATED DOCUMENTS Color charts, the limited warranty, the maintenance and cleaning guide, and sample requests are linked from ironwood-mfg.com/products/materials/wood-veneer/