

# UNIVERSAL WOODS



A pioneer in UV/EB finishing, Universal Woods takes your finishing needs beyond the capabilities of conventional systems. Our exclusive, 15-step process combines detailed substrate preparation with precision coating and advanced curing technology. The result is a full 30°-to-45° gloss finish with unmatched clarity and durability, yielding panels that are ready for use in a variety of applications. More efficient and economical than laminates, Custom Satin finishes add smoothness and depth to a range of substrates, including:

- Hardboard
- High-density fiberboard
- Medium-density fiberboard
- Particleboard
- Veneer plywood for clear satin finishes only

Custom Satin Panels are used in many applications, including:

- Decorative verticals
- Entertainment centers, home theaters and wall units
- High-end cabinetry in store fixtures
- Displays and shelving
- Custom woodworking
- Slat walls
- Award plaques

# PERFORMANCE ENGINEERED Custom Clear & Color Satin Finish Panels

## Process-engineered for beauty and durability

Every Universal Woods finish is engineered to bond with individual surfaces to meet customer requirements. Our 15-step Cross-Link Polymerization Process—CP<sup>2</sup>—is one of the most advanced systems in the coating industry, enabling us to custom-coat panels according to customer specifications.

CP<sup>2</sup> features nine pre-finishing steps—including sanding, cleaning, filling, curing and precoating—prepare panels for coating applications. A six-step finishing process includes precision coating and advanced curing technology, along with a rigorous inspection process. Before your panels are stacked for shipment, a protective film is laminated to the surface for added protection during transport and storage. Universal Woods' meticulous preparation, precision coating and advanced curing technologies yield panels with exceptional finish clarity, remarkable durability and superior stain resistance.

## Custom Satin makes the grade

Universal Woods Custom Satin finished panels pass a series of tests to ensure that they will give your panels the finish and performance you desire. The following report card for our Black-RD1030 finish shows why Universal Woods is at the head of the class.

## Designed to last, made to order

Custom Satin finishes are available in standard black and white. Clear satin finishes may only be applied to veneer plywood. Universal Woods will custom match colors to meet your specifications (*a minimum order is required—ask your Universal Woods representative for details*).

Finishes can be applied to substrates ranging in depth from .125 to 2 inches, widths up to 49 inches and lengths to 14 feet. Your Universal Woods representative can provide specific details regarding specifications for. Since 1970, Universal Woods has specialized in engineering solutions that meet customer requirements, improving their products and broadening market reach. Put the pioneer in coating technologies to work for you.

Property	Result	Test Standard
Scratch Resistant	1,500 grams	Hoffman
Wear Resistant	250 cycles	LD3 301-180 grit
Impact Resistant	24 inches	LD3 303 steel ball drop
Boiling Water Resistant	No effect	LD3 305 boiling water container
High Temperature Resistant	No effect	LD3 306 350° hot wax container
Hot/Cold Check Resistant	No effect	ANSI A 161-1
Stain Resistant	No effect	LD3 309
Reagents	No effect	1-29

## UNIVERSAL WOODS, INC.

Performance Engineered Panels

[www.universalwoods.com](http://www.universalwoods.com)

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