

Flat Laminates by OMNOVA Solutions

WINDOW PROFILES

A Design and Performance Solution for Window Profiles

OMNOVA Solutions line of Flat Laminates for the window profile market consists of four stock woodgrain patterns that are carefully designed and crafted for a realistic, natural appearance that compliments today's interior woods and wood products. Their long-lasting durability, proven performance and comparative lower cost make them a welcome alternative to natural woods.

The two-ply PVC construction provides both long-lasting beauty and durability; the pattern is printed on the bottom layer while a top layer protects the printed pattern from everyday wear and tear.

Applications

- Window profiles

Stock Products



509867 Hillside Oak



509870 Cavalier Oak



510912 Natural Oak



510123 Colonial Cherry



Benefits

DURABILITY

A two-ply PVC construction provides maximum water holdout. Plus, the transparent top layer protects the pattern imprint against everyday wear and tear, while also providing an additional level of abrasion and scratch resistance for a longer-lasting appearance.

NATURAL APPEARANCE

Patterns are carefully designed and crafted for a realistic and natural woodgrain appearance to provide a low-cost alternative to natural wood products.

CLEANABILITY

Easy clean-up – usually with just soap and water.

CUSTOMIZABLE

You can specify colors, designs and embossings to quickly and easily create unique or differentiated products. You can also achieve various functional and decorative effects by choosing from several performance coatings. To help you, OMNOVA offers our experienced, full service approach to custom design and production.

AVAILABILITY

STOCK products are available in low minimum order quantities for shipment. MAKE-TO-ORDER products are not maintained in inventory but can be custom ordered. OMNOVA's domestic production eliminates the long lead times caused by off-shore supply and helps reduce product development cycle times.

TYPICAL PROPERTIES

Flat Laminates by OMNOVA Solutions WINDOW PROFILES

DIMENSIONS

| | |
|---|----------------------|
| Construction | Two-ply uncoated |
| Standard Width | 51" |
| Film Thickness | 7 mil (0.007") |
| Stock Roll Length (Linear Yards) | 450 |
| Gloss Range (dependent on embossing roll) | 5 - 20 Gardner gloss |

TYPICAL PROPERTIES

| Property | Procedure | Typical Value |
|----------------------------|-----------|---------------------------------------|
| Surface Energy | LAB031 | 32 dyne |
| Flexibility @ 40°F | LAB029 | |
| Film Break | | No |
| Crease White | | No |
| QUV 351 @ 500 hours | LAB062 | ~1.0 DE, dependant on color and print |
| Gloss | Visual | Match to customer standard |
| Color | Visual | Match to customer standard |
| Shrinkage, 10 min. @ 100°C | LAB007 | ± 5.0% |

STAIN RESISTANCE** (See NEMA LD 3-2005 for full description.)

| Cleaning Step Description (In order of use) | Staining Agent | Required Cleaning Step to Remove Stain |
|---|--------------------------------------|--|
| | | Two-Ply Construction |
| 0 - Removed with water | Distilled Water | 0 |
| | Ethyl Alcohol / Water (50:50) | 0 |
| | Acetone | 5 |
| 1 - 25 cycles spray cleaner or sponge | Household Ammonia | 0 |
| | Citric Acid 10% | 0 |
| | Vegetable Oil | 0 |
| 2 - 25 cycles baking soda plus spray cleaner on brush | Coffee | 2 |
| | Tea | 2 |
| 3 - Acetone and cotton ball | Tomato Ketchup | 2 |
| | Mustard | 3 |
| 4 - Bleach plus cotton ball | 10% Iodine | 5 |
| | Supermarket Stamp Ink | 3 |
| 5 - Not removed | #2 Pencil | 3 |
| | Wax Crayon | 3 |
| | Black Shoe Polish | 5 |
| | Total NEMA Cleanability Score | 27 |

** Actual results may vary depending on color - lighter shades are more susceptible to staining.

Though OMNOVA Laminates can be used in many applications, all laminates are sold with the understanding that customers will make their own independent determination whether a particular laminate has the durability and other performance attributes required for the specific end use laminate application – not all laminates are suitable for all applications.

For the latest designs, more information or to place an order, contact OMNOVA Solutions:
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