FRL®
FIBER REINFORCED LAMINATES

Engineered by Panolam
Take a closer look at FRL® FIBER REINFORCED LAMINATE

FRL® (Fiber Reinforced Laminate) is an innovative wall and door surfacing product from Panolam. Engineered and manufactured to exacting standards, FRL® decorative surfaces provide high-impact protection 13 times higher than rigid vinyl and substantially lower smoke and flame spread than other competitive products. This wall panel provides ease of installation, job-site workability, long lasting style and exceptional durability year-after-year.

See what makes our FRL® panels so unique:

- High Wear Surface
- Decorative Paper
- Fire Resistant Substrate
- Fiber Reinforced Core
- Fire Resistant Substrate
- Decorative Paper
- Overlay

FRL® Panel Highlights

- Class A Fire Rated
- Classification based on UL approved substrate and glue being used
- High impact strength
- Available with chemical resistant surface (meets SEFA RI)
- Exceptional cleanability without harsh chemicals
- Extraordinary wear protection
- Available in over 30+ Nevamar colors and patterns
- Can be laminated to various substrates
- NSF approved for horizontal and vertical applications
- UL/ULC certification
- Can be ordered as IMO Certified (FRL® surfaces have been tested in accordance with the international Maritime Organization (IMO) A.653(16) and meets Parts 2 and 5 of Annex 1 of the IMO FTP Code.

Finish Options

FRL® panels are available in 7 different finishes designed to enhance the look and texture of any project. For quicker processing of your sample request, kindly use the designated finish code at the end of the pattern code number. Please contact your local Nevamar representative or visit nevamar.com for finish samples, grade and sheet availability.

- Ashwood (Z)® is a fine wood finish with a cathedral grain.
- Crystal (j)® is a fine pebble grained finish with a medium gloss.
- Line 2 (oz)® is a deeply embossed, linear wood grain finish.
- Line (oz)® is an embossed, cloth-like finish.
- Soft Leather (e)® is a finely grained leather finish.
- Suede (n)® is a low gloss, textured finish.
- Wood Essence (l)® is a natural-appearing, linear woodgrain finish.

* An additional charge applies

Sheet Size Availability

Suede (n), Crystal (j), Soft Leather (e), Ashwood (z) and Wood Essence (l) are available in 3’, 4’ & 5’ lengths. Other sizes are available on a project by project basis. ALL CARRY A FIVE TO TEN MINIMUM OF A COLOR AND SIZE.

Custom Digital Graphics

Panolam can expand your creative vision with in-house custom digital graphics. Whether your design calls for a unique photo, company logo or one-of-a-kind illustration, Panolam has the skill and technology to bring your ideas to life. Ideal for wall murals, feature walls, headwalls, school logos, elevator cabs.

Environmental Features

Make Nevamar FRL® panels your first choice when specifying materials.

- Low VOCs and GREENGUARD® certified
- By formulating our own resins, we can assure you of an eco-conscious manufacturing process
- Manufactured with decorative paper from recycled or renewable sources to help preserve our forests and promote a healthier environment
- Distribution centers are strategically located across the country to reduce the use of fossil fuels when delivering our products
- Does not support bacterial growth (mold/mildew)

Facilities

- Airports
- Daycare centers
- Hospitals
- Hotels/Casinos/Resorts
- Lab/Clean rooms
- Nursing homes/Assisted living
- Restaurants/Oiming halls
- Retail environments
- Schools/Universities
- Spas/Health clubs
- Supermarkets

Uses

- Boat/RV interiors
- Commercial kitchens
- Corridors
- Doors/Kickplates
- Elevator cabs
- Headwalls in patient rooms
- Lobbies
- Restrooms/Toilet partitions
- Retail areas/Checkout areas
- Transit systems: bus, subway, rail
- Wainscoting/Wall cladding

Molding Profiles

Installations can be completed with easy-to-use seam treatments. Available in aluminum and several color coordinated PVC moldings. Color matched silicone caulk is also available. Moldings are sold in 96" lengths. Molding profiles are not shown at actual size.

- XSC-000 Outside Corner Flat
- XSC-000 Outside Corner Rounded
- XDA-000 Division Bar
- XIC-000 Inside Corner
- XIC-000 Inside Corner Standard
- XFA-0000 Splice Panel Flat Division Bar

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How it all works together:

**Multiple surfaces. One system.**

For over 70 years, we have developed materials that meet the aesthetic criteria of the most demanding architects and designers. The Nevamar® family of products have been developed to withstand the friction, impact, and ever-changing conditions of life.

<table>
<thead>
<tr>
<th>PHYSICAL PROPERTY</th>
<th>TEST</th>
<th>STANDARD-TYPICAL</th>
<th>FRL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Thickness</td>
<td>NEMA LD 3-2005 3.13</td>
<td>NOT APPLICABLE</td>
<td>.075&quot;</td>
</tr>
<tr>
<td>Surface Burning Characteristics</td>
<td>ASTM E84</td>
<td>CLASS C</td>
<td>CLASS A*</td>
</tr>
<tr>
<td>Wear Resistance (cycles)</td>
<td>NEMA 3.13</td>
<td>≥ 400</td>
<td>3500</td>
</tr>
<tr>
<td>Flexural Strength</td>
<td>ASTM D790</td>
<td>≥ 12,000 PSI</td>
<td>22,000 PSI</td>
</tr>
</tbody>
</table>

*CLASSIFICATION BASED ON UL APPROVED SUBSTRATE AND GLUE BEING USED.

ThruColor™ HPL provides continuous color to the edge of the finished product.

FRL® Fiber Reinforced Laminate is the ideal high-impact surfacing solution for high-traffic environments.

HPL is a perfect surface for almost any horizontal or vertical application.

Pluswood® TFL is a durable surface with excellent HPL color and pattern coordination.

For additional information on FRL® Fiber Reinforced Laminate, please contact your Nevamar sales representative or local distributor.

Learn more at nevamar.com