FRL
FIBER REINFORCED LAMINATES

Engineered by Panolam
FRL® (Fiber Reinforced Laminate) is an innovative wall and door surfacing product from Panolam. Engineered and manufactured to exacting standards, FRL® decorative surfaces provides high impact protection 23 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 8)**
- **Exceptional cleanability without harsh chemicals**
- **Extraordinary wear protection**
- **Available in over 200+ Pionite 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.**

**Facilities**

- **Airports**
- **Daycare centers**
- **Hospitals**
- **Hotels/Casinos/Resorts**
- **Lab/Clean rooms**
- **Nursing homes/Assisted living**
- **Restaurants/Oining 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**

**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 Pionite representative or visit pionite.com for finish samples, grade and sheet availability.

- **Ashwood (2)** 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 woodgrain finish.
- **Linen (OS)** is an embossed cloth-like finish.
- **Soft Leather (R)** is a finely grained leather finish.
- **Suede (W)** is a low gloss, textured finish.
- **Wood Essence (I)** is a natural-appearing, linear woodgrain finish.

**Sheet Size Availability**

Suede (W), Crystal (J), Soft Leather (R), Ashwood (2) and Wood Essence (I) are available in 4’, 6’, 8’ & 10’ lengths. Linen (OS) and Line 2 (OZ) are available standard in 4’ x 8’.

Other sizes are available on a project by project basis. All carry a five (5) day 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 Pionite 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)
Pionite® decorative surface provides the durability, challenging installations without compromising aesthetics or safety. The quality and versatility of the Pionite® panels or or 4'× 10' or 5'× 10' make them the ideal wall surfracing solution in almost any environment. Available in 200+ colors and patterns.

FRL®

• samples before specifying
• deal for vertical applications in all commercial environments

1.888.FRL.WALL (1.888.375.9255)
Technical Information

Technical information listed below applies to Pionite FRL® panels. PDF files of specification sheets/technical data are also available at pionite.com. Refer to technical bulletin for fabrication requirements and other updated information. For additional information, contact your sales/specification representative or your local distributor.

<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.

The Pionite® Surface Systems story

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 Pionite® family of products have been developed to withstand the friction, impact, and ever-changing conditions of life.

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

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

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

Learn more at pionite.com

Scan for more information.