



FRL[®]
Wall Protection Panels



A Panolam Surface Systems Brand.



FRL® (Fiber Reinforced Laminate) is an innovative wall and door surfacing product from Panolam. Whether it's guarding against shopping carts in a grocery store, gurneys bursting through trauma center doors, or the exuberant play of pre-school students in their classrooms, the superior performance of Panolam's FRL panels will withstand it all while maintaining its pristine appearance.

Facilities

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

Applications

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

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 250+ Pionite colors and patterns
- Can be laminated to various substrates
- NSF approved for horizontal and vertical applications
- UL/ULC Certification

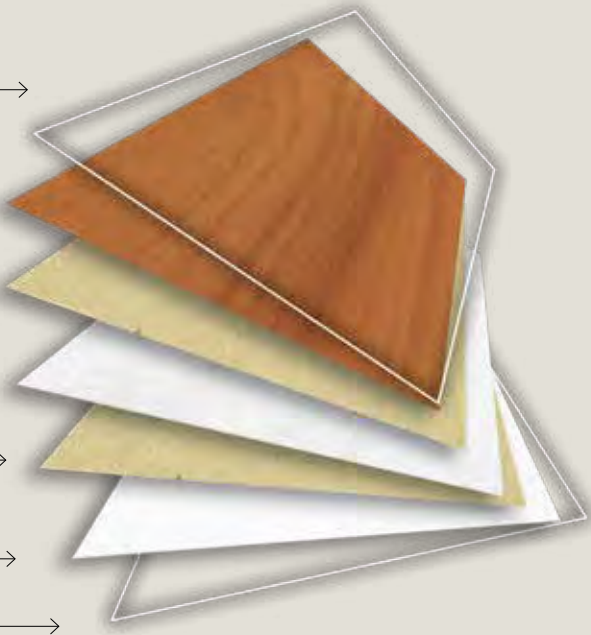
This product can be ordered as IMO Certified for use in marine applications. FRL surfaces have been tested in accordance with the International Maritime Organization (IMO) A.653(16) and meets Parts 2 and 5 of Annex 1 of the IMO FTP Code.

FRL can be applied directly to Armortex bullet resistant panels to provide a decorative surface with security. To learn more about Armortex and their product offerings, please visit their website at www.armortex.com/

See what makes our FRL so unique:

Engineered and manufactured to exacting standards, FRL wall protection panels provide **high-impact protection** with a wear resistance that is **23 times higher** than rigid vinyl. It is also **Class A fire rated** and substantially lower smoke and flame spread than other competitive products.

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



Sheet Size Availability

Suede (SD), Crystal (CR), Soft Leather (LR), Ashwood (AW) and Wood Essence (WE) are available in 3', 4' & 5' widths × 8' & 10' lengths.

Line Z (OZ) is available standard in 4' × 8'.

Other sizes are available on a project by project basis.

All carry a five (5) sheet minimum of a color and size.

Finish Options

FRL panels are available in 16 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.

Aged Bark (AB)* A honed, raw woodgrain evokes the feel of natural bark - 4.3 Nominal Gloss Units. *Available on FRL but requires sample sign-off before order can be placed.

Ashwood (AW)** Fine woodgrain with cathedral - 22.6 Nominal Gloss Units

Barnboard (BB)* A flowing linear plank in a semi-matte finish - 8.0 Nominal Gloss Units.

Crystal (CR)** Fine pebbled finish, medium gloss - 11.4 Nominal Gloss Units

FineLine (FL)* A fine linear grain perfectly balanced with a hint of sheen - 3.9 Nominal Gloss Units.

Groovy (GV)* Eclectic abstract pattern that appears to create motion - 2.8 Nominal Gloss Units.

LineZ (LZ)** This linear deeply embossed grain adds depth and dimension - 5.2 Nominal Gloss Units

Natural Stone (NS)* Matte surface accentuates the indentations offering a time-worn look - 4.4 Nominal Gloss Units.

Natural Wood (NW)* Perfect for creating a real wood texture on woodgrain patterns. Low gloss. - 3.8 Nominal Gloss Units.

Soft Leather (LR)** Finely grained leather finish - 15.2 Nominal Gloss Units.

Super Matte (SM)* An easy touch, non-reflective surface that resists fingerprints - 2.7 Nominal Gloss Units.

Tactile Weave (TW)* A modern woven fabric look and feel, low gloss - 3.7 Nominal Gloss Units.

Suede (SD)** Low gloss, textured finish - 8.5 Nominal Gloss Units.

Timberline (TL)* A linear deep woodgrain with a balance of gloss and matte finish - 9.5 Nominal Gloss Units.

Velvet (VE)* A smooth, finely grained finish - 14.3 Nominal Gloss Units.

Wood Essence (WE)** The slight ticking detail of this natural wood finish adds depth and balance - 23.3 Nominal Gloss Units

* Available on FRL but requires sample sign-off before order can be placed.

**An additional charge applies

FRL + Inspira™ Digital

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, wayfinding and 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)



The mark of responsible forestry



All colors and patterns are available as FSC® certified products.



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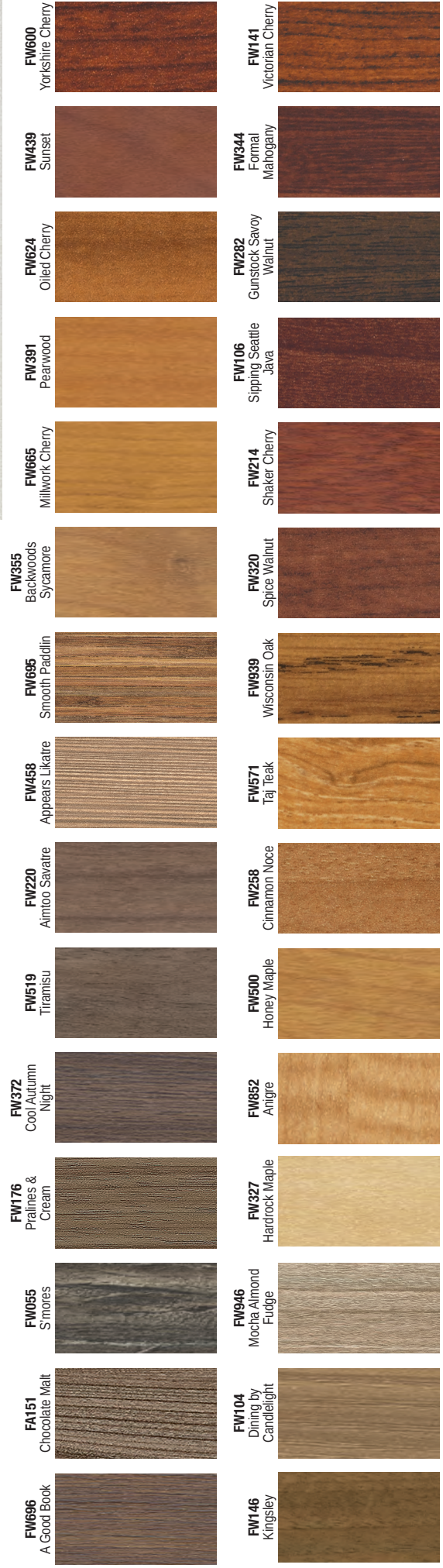
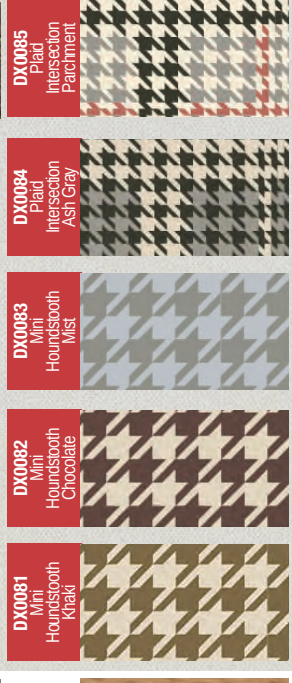
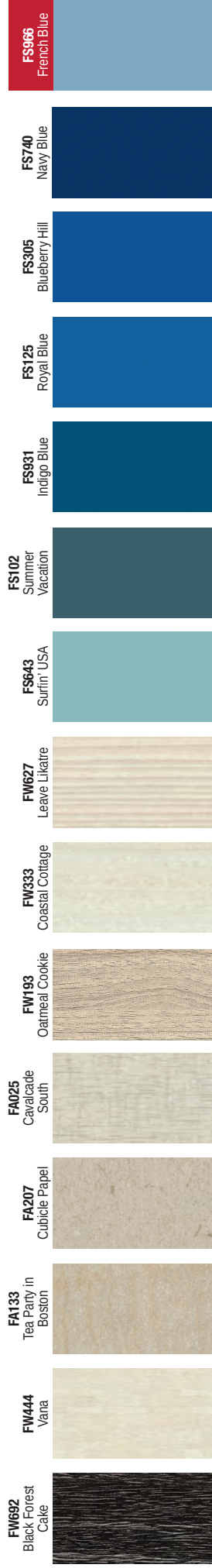
Pionite's FRL® decorative surface provides the durability, cleanliness and Fire Class A rating needed for the most challenging installations without compromising aesthetics or safety. The quality and versatility of the FRL® panels make them the ideal wall surfacing solution in almost any environment. Available in 200+ colors and patterns.

FA037 Mud Pie	FA435 Cressida	FA196 Gold Pannin	FA385 Grandiose Grid	FA382 Beige Linen	FA970 Gridlock in L.A.	FA419 Manila Linen	FA235 Coriander Fiber	FS358 Pepperdust	FS172 Stonedust	FS920 Taupe	FS217 Greige	FA245 Mellow Maroon	FS784 Slate	FS482 Nubian Brown
FA986 Charcoal Chromatix	FA518 Olive Organix	FA284 Passin Through	FA805 IL Palo Papel	FA521 Travelin Light	FA131 Soothing Pebble Beach	FA660 Wheat Fiber	FA721 Crisscross	FS831 Folkstone Gray	FS674 Mercury	FS781 Dolphin Gray	FS826 Opti Gray	FS646 Bankers Gray	FS313 Storm Gray	FS760 Black

FA668 Sable	FA140 Meteorite Metallo	FA477 Cardamom Fiber	FA529 Cinder Gray Concrete	FA438 Game Keepers Tweed	FA543 Knickerbocker	FW147 House of Chevron	FA776 Tailor-Made	FA451 Belle's Bow	FA020 Shetland Tweed	FA334 It's a Wrap	FS993 Angel White	FS686 Nimbus White	FS853 Ice White	FS812 Ingot Gray
FA332 Graphite Spektrum	FA977 First N Main	FA016 Jumping in Puddles	FA043 Cake Batter	FA401 Vindescent Silk	FA611 Argyle Socks	FA450 Argyle Sweater	FA029 Comeback Camel	FS587 White	FS573 Winter White	FS680 Ash Gray	FS387 Pumice			
FA855 Little Black Dress	FA578 Stargazing	FA581 Graveyard of the Atlantic	FA008 Daydreaming	FA785 Yorkshire Tweed	FW413 Windsor Elm	FA200 Gentleman's Tweed	FW353 Ascot Elm	FA767 Luminescent Silk	FA710 Beau-Tie	FA141 In the Trenches	FS672 Carnation White	FS690 Eggshell White	FA240 Bridal Blanco	FS150 Limestone
FA018 Cradle of Liberty	FA147 Happy Hour	FA056 Cookies & Cream	FA942 Moonlighting Paper	FA122 Soothing White Caps	FA121 Love Letters	FA120 Connected Cubes	FA311 Beachcomber	FS942 Almond	FS978 Primary Yellow	FS300 Forsythia	FS617 Bittersweet	FS768 Navajo Red	FS269 Primary Red	FS656 Royal Burgundy
FA389 Head Over Heels	FA643 Hugo Gray	FA845 Pearl of the Orient	FA750 Negotiating in Geneva	FA067 Sugar Pie	FA209 Old Friend	FA127 Vanilla Fiber	FA238 Celery Fiber	FA173 Soothing Sea Mist	FS178 Moss Gray	FS104 Fresh Cut Grass	FS864 Springtime	FS500 First Kiss	FS301 Sweet 16	FS355 Tutti Frutti

KNOT QUITE

 menswear
 COLLECTION



The Pionite Surface Systems Story

Multiple Surfaces. One System.

Our goal is to help bring your vision to reality without compromise. As your full surface solution provider, we are here to help navigate the many design and substrate options available to help you achieve your desired aesthetic, performance, and budgetary attributes for every project.

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.

PHYSICAL PROPERTY	TEST	STANDARD-TYPICAL	FRL
Nominal Thickness	NEMA LD 3-2005 3.13	not applicable	.075"
Surface Burning Characteristics	ASTM E84	Class C	Class A*
Wear Resistance (cycles)	NEMA 3.13	≥ 400	3500
Flexural Strength	ASTM D790	≥ 12,000 psi	22,000 psi

*Classification based on UL approved substrate and glue being used.



Molding Profiles

Installations can be completed with easy-to-use seam treatments. Available in aluminum and several color coordinated PVC moldings. Color matched silicone caulking is also available. Moldings are sold in 10' lengths. Molding profiles are not shown at actual size.



XCF-000
Outside Corner Flat



XCR-000
Outside Corner Round
2-piece kit



XDB-000
Division Bar
2-piece kit



XIC-000
Inside Corner
2-piece kit



XSC-000
Standard End Cap



XFB-0000
One Piece
Flat Division Bar

Learn more at
pionite.com



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