



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

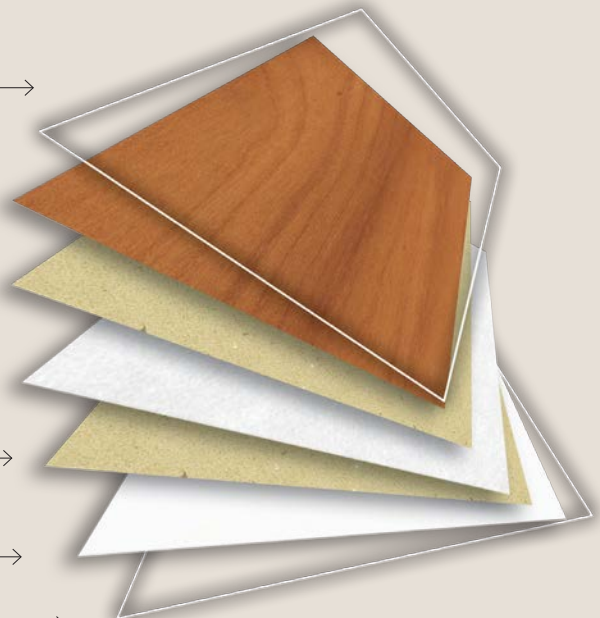
This product can be ordered as IMO Certified for use in marine applications. FRL surfaces have been tested in accordance with the International Maritime Organization (IMO) A.653(16) and meets Parts 2 and 5 of Annex 1 of the IMO FTP Code.

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

Available in 3', 4' & 5' widths × 8' & 10' lengths.

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 2 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.

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

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

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

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.



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.





A Panolam Surface Systems Brand.

Pionite's FRL® decorative surface provides the durability, cleanability 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 Slonecst	FS920 Taupe	FS217 Greige	FA245 Mellow Maroon	FS784 Slate	FS482 Nubian Brown
FA986 Charcoal Chromatix	FA518 Olive Organix	FA284 Passin Through	FA805 IL Pallo 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

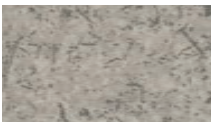
FA668
Sable



FA140
Meteorite Metallo



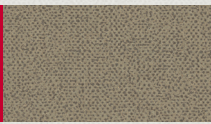
FA477
Cardamom Fiber



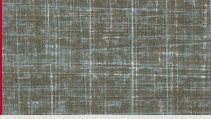
FA529
Cinder Gray Concrete



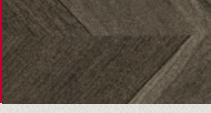
FA438
Game Keepers Tweed



FA543
Knickerbocker



FW147
House of Chevron



FA776
Tailor-Made



FA451
Belles Bow



FA020
Shelland Tweed



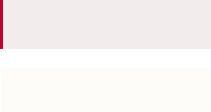
FA334
It's a Wrap



FS593
Angel White



FS686
Nimbus White



FS853
Ice White



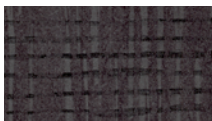
FS812
Ingot Gray



FA332
Graphite Spektrum



FA977
First N Main



FA016
Jumping in Puddles



FA043
Cake Batter



FA401
Virescent Silk



FA611
Argyle Socks



FA450
Argyle Sweater



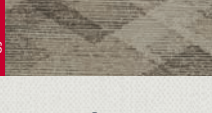
FA029
Comeback Camel



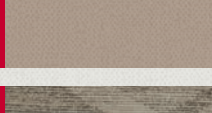
FA141
In the Trenches



FA710
Beau-Tile



FA141
In the Trenches



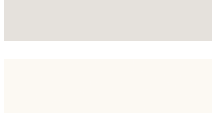
FS587
White



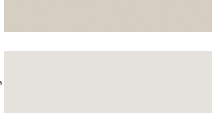
FS573
Winter White



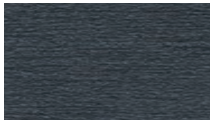
FS680
Ash Gray



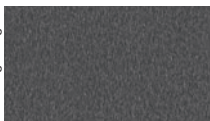
FS387
Pumice



FA855
Little Black Dress



FA578
Slargazing



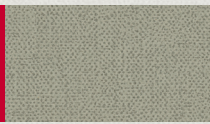
FA581
Graveyard of the Atlantic



FA008
Daydreaming



FA785
Yorkshire Tweed



FW413
Windsor Elm



FA200
Gentleman's Tweed



FW353
Ascot Elm



FA767
Luminescent Silk



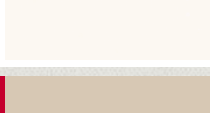
FA710
Beau-Tile



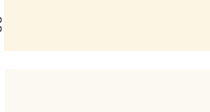
FA141
In the Trenches



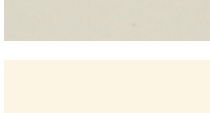
FS672
Carnation White



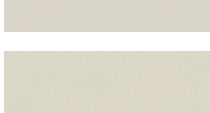
FS690
Eggshell White



FA240
Bridal Blanco



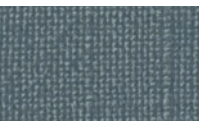
FS150
Limestone



FA018
Cradle of Liberty



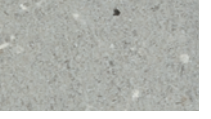
FA147
Happy Hour



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



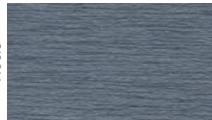
FS269
Primary Red



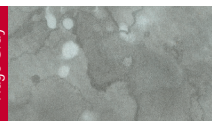
FS656
Royal Burgundy



FA389
Head Over Heels



FA643
Hugo Gray



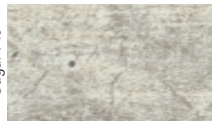
FA845
Pearl of the Orient



FA750
Negotiating in Geneva



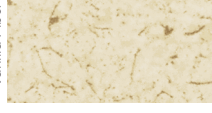
FA067
Sugar Pie



FA209
Old Friend



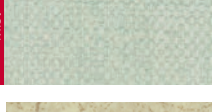
FA127
Vanilla Fiber



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



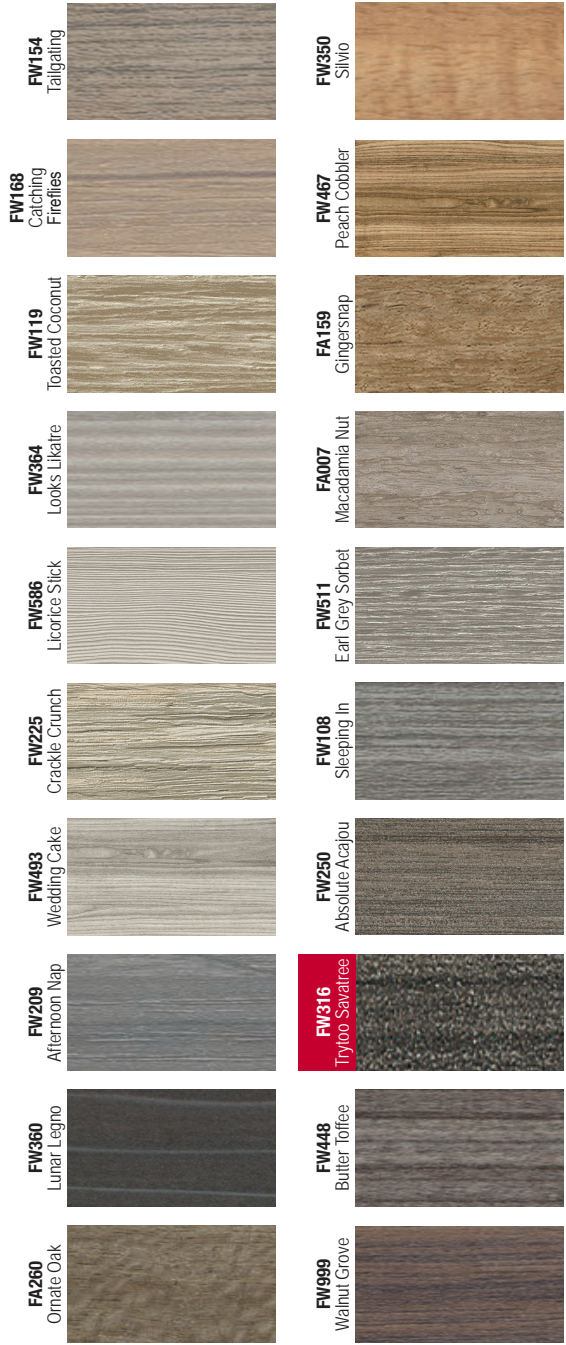
KNOT QUITE
menswear
COLLECTION



inspiraTM
DIGITAL SURFACES

Choose from our digital library, or create
your own.

DX0001 Honeycomb Hex Wood	DX0085 Plaid Intersection Parciment
DX0084 Plaid Intersection Ash Gray	DX0083 Mini Houndstooth Mist
DX0082 Mini Houndstooth Chocolate	DX0081 Mini Houndstooth Khaki



FW001 Picnic in the Park	FW633 Zen	FW644 Clear Ash	FW455 Sugar Maple II	FW159 Amber Curly Maple	FW376 Fine Oak	FA903 Hearth Oak	FW426 Opto Primatire	FW522 Molten Lava	FW346 Afternoon Showers	FW313 Seems Likatire	FW523 Peanut Brittle	FW306 Thunderstorm	FW815 Witchcraft	FW555 Jewel Mahogany
FW591 White Elm	FW528 America's Pastime	FA764 Rocky Mountain High	FA338 City of Lights	FA777 Frederick	FA239 Hazel	FA413 Theodore	FA135 Man on the Moon	FA439 Abraham	FA012 Shooting Star	FA208 Upland Stone	FA502 Graphite Talc	FA333 Estella	FA433 Rose Granite	FA362 Polar Cap
FA821 Pyrenees Marble	FA758 Arctic Flash	FA637 Harold	FA415 Moon Dust	FA403 Galactic Dust	FA813 Hedgerow	FA109 Chalk Imperiale Marble	FA444 Rice Lake	FA178 Faded Memories	FA522 Rock of Ages	FA166 White Flesia	NW286 Mineral Talc	FA577 Sage Coral	FA134 Louise	FA796 Viola
FA570 Rock Around the Clock II														

Please note:

- Printed patterns are shown at a reduced scale from representative segments of large sheets
- Colors may differ slightly from the actual product
- Ideal for horizontal or vertical applications in all commercial and residential environments
- Available in 16 different finishes
- Please contact Pionite or your local distributor for samples before specifying

How to Specify:

EXAMPLE	
Color Name	Graphite Talc
Color Reference Number	FA502
Texture	Suede (N)
Size	3' x 8' or 3' x 10' 4' x 8' or 4' x 10' 5' x 8' or 5' x 10'

Knot Quite Menswear™ Collection

Introducing our latest collection of HPL products. The Pionite Knot Quite Menswear Collection is a blend of sophisticated woodgrains, classic yet dynamic abstracts, and solids.

 Denotes New Patterns

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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