

FRL[®]
Fiber Reinforced Laminates

Wall Protection Panels



A Panolam Surface Systems Brand.

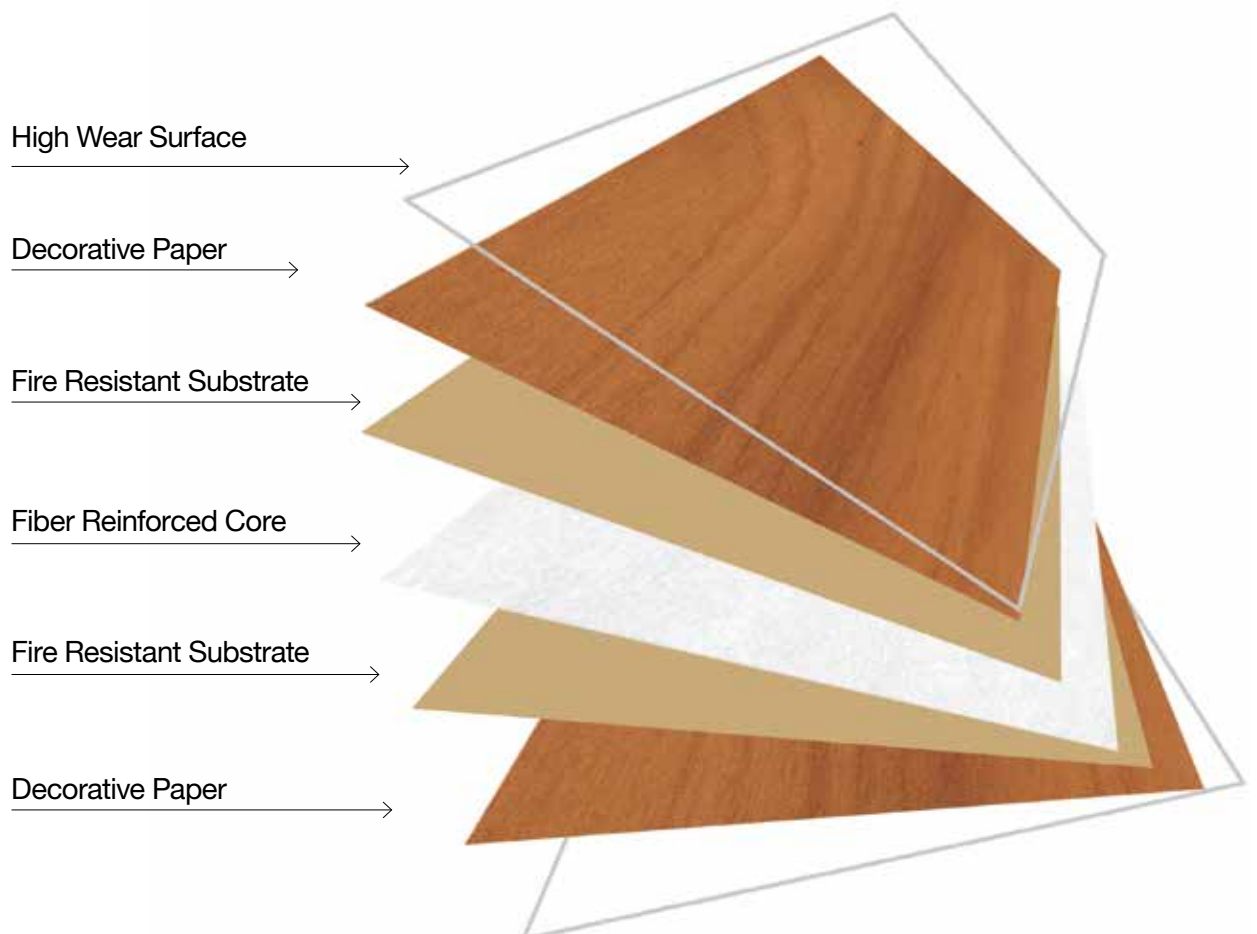
FRL®



FRL® panels are an innovative wall and door surfacing product from Panolam.

Engineered and manufactured to exacting standards, FRL decorative surfaces 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.

See what makes our FRL Wall Protection Panels so unique:



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.

This product is also available as IMO Certified for use in Marine applications.

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

 Chemical resistant surface (SEFA 8 compliant)

 Exceptional cleanability without harsh chemicals

 Extraordinary wear protection

 Available in over 250+ 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.

Sheet Size Availability

Available in 3', 4' & 5' widths x 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



Inspira™ 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, wayfinding and elevator cabs.




nevamar

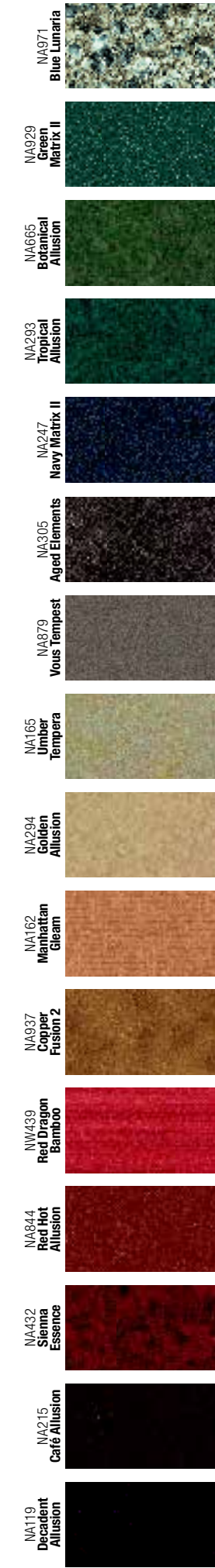
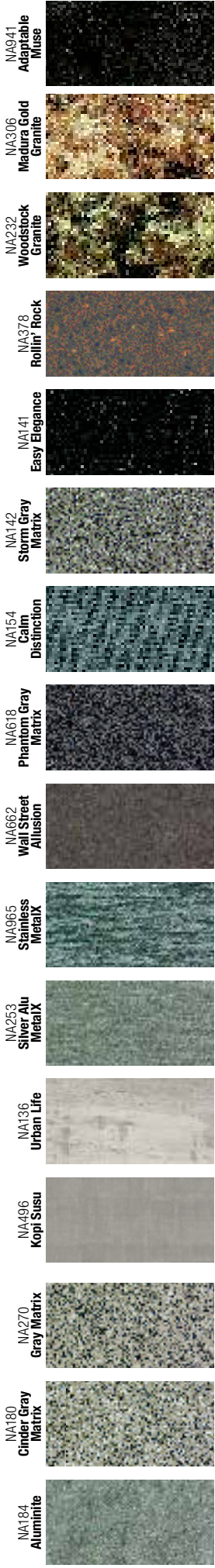
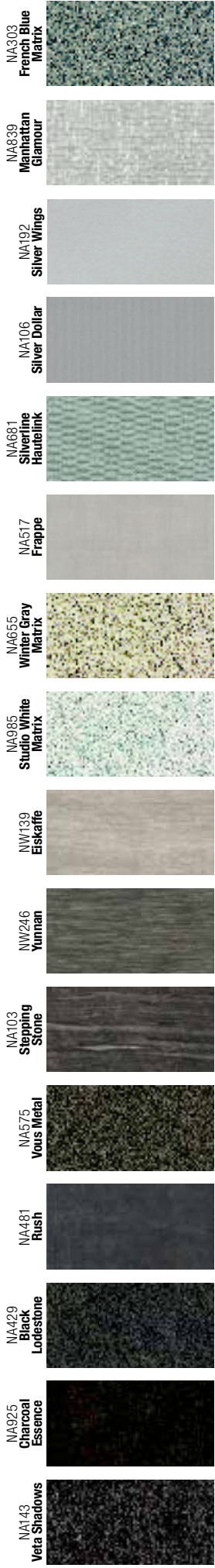
A Panolam Surface Systems Brand.

Nevamar's® FRL wall protection panels provide the durability, cleanability and Class A Fire 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 250+ colors and patterns.

NW283 Golden Anigre	NW362 Recon Oak	NW841 Scandia Maple	NW651 Siren Maple	NW985 Washington Apple	NW979 Caluna Cherry	NW200 Amber Pearwood	NW223 Tawny Salinwood	NW860 Carmel Sagawood	NW793 Tangler Anigre	NW975 Cognac Birdseye	NW636 Regency Mahogany	NW549 Crown Cherry	NW565 Galloway Burl	NW101 Royal Mahogany	NW302 Crest Mahogany	NW997 Clear Maple	NW479 Champagne Sagawood	NW604 Vermont Maple	NA134 Validate We Do	NW231 Mikado Woodprint	NW746 Honey Maple	NW883 Rustic Quartered Oak	NW472 Golden Ash	NW721 Grand Isle Maple	NW524 Sovereign Cherry	NW319 Edenwood	NW617 Blossom Cherry	NW450 Tonaz Khayawood	NW308 Vantage Point Walnut	NW754 Tendu	NW286 Kona Blend	NW132 Illustrious Maple	NW133 Chai	NW716 Beige Renaissance	NW664 Natural Bamboo	NW199 Kendo	NW647 Straightaway Oak	NW762 Shibui Woodprint	NW151 Fine Sycamore	NW124 Santa Rosa Plum Tree	NW717 Cutting Edge	NW780 Babbling Brook	NW303 Stout Walnut	NW227 Brave Spirit	NW381 Endless Journey	NW127 Marocchino	NW226 Valencia Teak	NW138 Glistening Trail	NW481 Mazagran	NW871 Roaring Wind	NW125 Macchiato	NW128 Meditation Elm	NW441 Galao	NW709 White Kinetic	NW715 Pink Lemonade Kinetic	NA923 Gray Kinetic	NA800 Turquoise Kinetic	NS236 Blushing Pink	NW482 Urhold Journey	NW154 Venerable Old Oak	NW155 Bohemian Edge	NW161 Palazzo	NW605 Zulu
------------------------	--------------------	------------------------	----------------------	---------------------------	------------------------	-------------------------	--------------------------	--------------------------	-------------------------	--------------------------	---------------------------	-----------------------	------------------------	-------------------------	-------------------------	----------------------	-----------------------------	------------------------	-------------------------	---------------------------	----------------------	-------------------------------	---------------------	---------------------------	---------------------------	-------------------	-------------------------	--------------------------	-------------------------------	----------------	---------------------	----------------------------	---------------	----------------------------	-------------------------	----------------	---------------------------	---------------------------	------------------------	-------------------------------	-----------------------	-------------------------	-----------------------	-----------------------	--------------------------	---------------------	------------------------	---------------------------	-------------------	-----------------------	--------------------	-------------------------	----------------	------------------------	--------------------------------	-----------------------	----------------------------	------------------------	-------------------------	----------------------------	------------------------	------------------	---------------

NW324 Legendary Teak	NW203 Luminary Teak	NW300 Weathered Storm	NW301 Dry Creek Plum Tree	NW612 Antebacino	NW633 Planetree Maple	NW105 Mid Mod Walnut			NW668 Messian	NW309 Modern Edge	NW102 Rugged Trail	NW104 Carajillo	NW380 Iconic Maple	NW234 Outer Limits
NW216 Tranquility	NW312 Simplicity	NW140 Kindred Spirit	NW809 Sunbeam	NW152 Breve	NS390 String	NS207 Pear Green	NAT13 Gold Mini Raffia	NAT13 Tangerine Mini Raffia	NAT127 Aqua Mini Raffia	NS221 Marigold Fields	NW304 Giant Gray Bamboo	NW665 Whispering Wind	NW100 Bailey	NS989 Platinum Gray
NS784 Maritime Gray	NS249 Graphite Blue	NS634 Caribbean Blue	NS332 Patriot Blue	NS588 Regimental Blue	NS355 Raven	NS280 Violine	NS702 Tyrian Purple	NS416 Passionfruit	NS618 Burgundy	NS786 Carmen Red	NS197 Liberty Red	NS874 Fresh Papaya	NS473 Café Sienna	NS906 Summer Night Glow
NS617 Gunmetal	NS261 Jute	NS944 Sandcastle	NS789 Garden Mist	NS242 Neutral Gray	NS861 Studio Gray	NS001 Soft Island Breeze	NS134 Sunken Treasure	NS963 Deep Blue	NS589 Fiji	NS826 Aqua Lagoon	NS461 Woodwine	NS360 Limeade	NS795 Kool Kiwi	NS787 Honey Plantain
NS806 Wrought Iron	NS791 Black	NS878 Jett Black	NS907 Black Pearl	NA717 Vanilla Bean	NA827 Varnish	NS126 Cocoa Bean	NS201 Foundry	NS681 Bethany Beige	NS555 Cordial Gray	DX0071 White Venus 2	DX0071 Turquoise Venus 2	DX0075 Lilac Boomerang	DX0076 Carbon Black Boomerang	DX0077 Odenton Pink Lady
														DX0078 Odenton Neon Lights

NS133 Dove Gray	NS472 Sandpiper	NS415 Solid White	NS777 Spa White	NS748 Smoky White	NS237 Bone White	NS184 Precision White	NS701 Chalk White	NA335 Neutra Matrix	NS270 Porcelain	NS455 Beige	NA133 Ivory Essence	NA374 Lino Frieze	NA505 Birch Matrix	NA443 White Essence	NA169 Blissful Path II	
NS952 Fossil Gray	NS705 Natural Beige	NS669 Mallow White	NS136 Antique White	NS381 English Lace	NA824 Wild Oats Matrix	NW307 Crema	NA482 Ecru	NS531 Basic	NS872 Neutra	NS538 Almond	NA407 Crème Tranquility	NA616 Maize Shibori	NW713 Dragonfly	NA401 Tea Stain Spun Yarn	NA181 Golden Years	
NA537 Ochre tempera	NA658 Straw Matrix	NA437 Veto Proof	NA217 Gray Tranquility	NA104 Cool Chic	NA644 Pure Spun Yarn	NA884 Vous Serene	NA666 Paris White Potteryware	NW162 Zebrano White	NA187 White Phantasy	NA147 Harmony Glow	NA102 Papier Au Lait	NA372 Marrakesh Express	NA797 Herbal Allusion	NA190 Penny Lane	NA664 Manhattan Giltz	
NS937 Ochre tempera	NA658 Straw Matrix	NA437 Veto Proof	NA217 Gray Tranquility	NA104 Cool Chic	NA644 Pure Spun Yarn	NA884 Vous Serene	NA666 Paris White Potteryware	NW162 Zebrano White	NA187 White Phantasy	NA147 Harmony Glow	NA102 Papier Au Lait	NA372 Marrakesh Express	NA797 Herbal Allusion	NA190 Penny Lane	NA664 Manhattan Giltz	NA135 Charcoal Fusion
NW777 Xanadu Blue Bamboo	NA545 Blue Shimmer Hautelink	NA406 Basic Black Hautelink	NA111 Charcoal Matrix	NA422 Verdicts In	NA131 Visible Vava	NA464 Vous Fawn	NW358 Extreme Green Bamboo	NA163 Urban Garden	NA218 Harmony Mint	NA129 Serene Stardom	NW288 Calypso	NA144 Vision Vava	NA493 Greige Matrix	NA386 Painted Woodlands	NA135 Charcoal Fusion	



How to Specify:

EXAMPLE	Charcoal Matrix
Color Name	Charcoal Matrix
Color Reference Number	NA111
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'

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 vertical applications in all commercial environments

- Available in 6 different finishes
- Please contact Nevamar or your local distributor for samples before specifying
- Minimum quantities are required for special orders.

- Cross grain available in all patterns and woodgrains

- For additional information on FRL Wall Protection Panels, please contact your Nevamar sales representative or local distributor.

■ Denotes new to wallboard items

The Nevamar[®] Surface Systems story

How it all works together:

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.

Learn more at nevamar.com

Technical Information

Technical information listed below applies to Nevamar FRL panels. PDF files of specification sheets/technical data are also available at nevamar.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



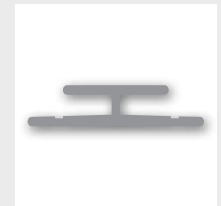
XDB-000
Division Bar
2-piece kit



XIC-000
Inside Corner
2-piece kit



XSC-000
Standard End Cap



XFB-0000
One Piece
Flat Division Bar

For additional information on FRL Wall Protection Panels, please contact your Nevamar sales representative or local distributor.



ONE CORPORATE DRIVE, SUITE 725
SHELTON, CT 06484 | 877.726.6526
PANOLAM.COM