



FRL[®]

Fiber Reinforced Laminates

Wall Protection Panels



nevamar

A Panolam Surface Systems Brand.

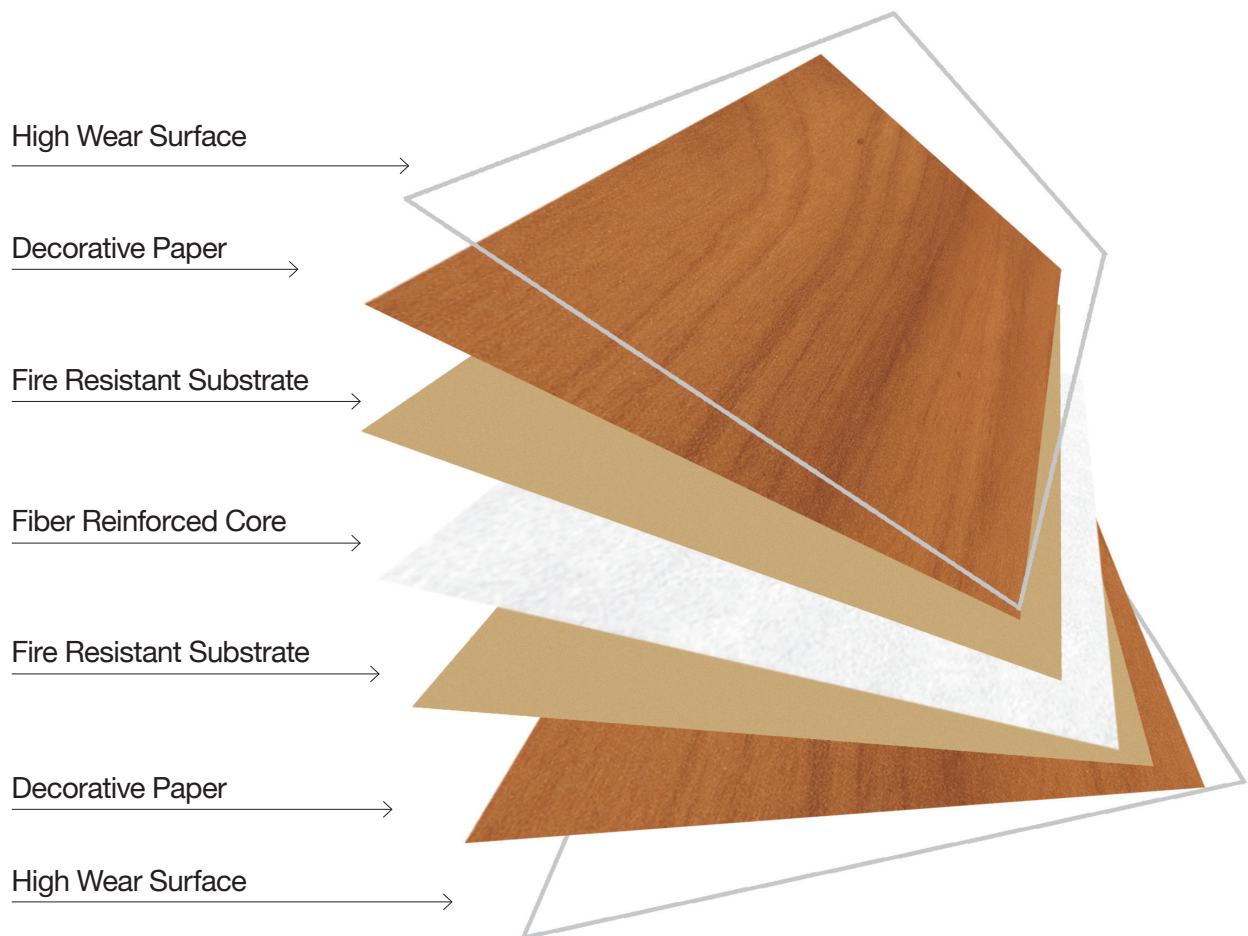
FRL®



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
.....
Available with chemical resistant surface (meets SEFA 8)
.....
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.
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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 Nevamar® 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.

*An additional charge applies

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)



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 Pandam Surface Systems Brand.

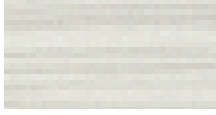
Nevamar's® FRL wall protection panels provide the durability, cleanability and Class A Fire Rating needed for the most challenging installations without compromising aesthetics or safety. The quality and versatility of the FRL panels make them the ideal wall surfacing solution in almost any environment. Available in 250+ colors and patterns.

NW997 Clear Maple	NW151 Fine Sycamore	NW841 Scandia Maple	NW651 Siren Maple	NW985 Washington Apple	NW283 Golden Anigre	NW200 Amber Pearwood	NW362 Recon Oak	NW223 Tawny Satinwood	NW793 Tangler Anigre	NW617 Blossom Cherry	NW636 Regency Mahogany	NW549 Crown Cherry	NW565 Galloway Burl	NW101 Royal Mahogany	NW302 Crest Mahogany	NW762 Shibui Woodprint	NW664 Natural Bamboo	NW647 Straightaway Oak	NW604 Vermont Maple	NW479 Champagne Sagawood	NW231 Mikado Woodprint	NW979 Caluna Cherry	NW883 Rustic Quartered Oak	NW721 Grand Isle Maple	NW860 Carmel Sagawood	NW524 Sovereign Cherry	NW319 Edenwood	NW450 Topaz Khayawood	NW308 Vantage Point Walnut	NW754 Tendu	NW286 Kona Blend	NW333 Planetree Maple	NW152 Breve	NW716 Beige Renaissance	NW199 Kendo	NW134 Validate We Do	NW441 Galao	NW132 Illustrious Maple	NW769 Sunrise Cedar	NW138 Glistening Trail	NW124 Santa Rosa Plum Tree	NW717 Cutting Edge	NW688 Miesian	NW780 Babbling Brook	NW227 Brave Spirit	NW303 Stout Walnut	NW127 Marocchino	NW128 Meditation Elm	NW133 Chai	NW612 Antocchino	NW713 Dragonfly	NW301 Dry Creek Plum Tree	NW481 Mazagran	NW161 Palazzo	NW155 Bohemian Edge	NW309 Modern Edge	NW154 Venerable Old Oak	NW105 Mid Mod Walnut	NW125 Macchiato	
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FRL

Wall Protection Panels

NW162
Zebrano White



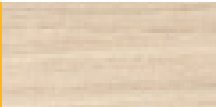
NW809
Sunbeam



NW528
Pacific Walnut



NW112
Aurora Oak



NW332
Solstice Oak



NW477
Appalachian Walnut



NW381
Endless Journey



NW482
Untold Journey



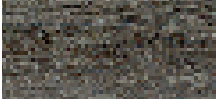
NW665
Whispering Wind



NW104
Carajillo



NW380
Iconic Maple



NW226
Valencia Teak



NW307
Crema



NW216
Tranquility



NW312
Simplicity



NW140
Kindred Spirit



NW234
Outer Limits



NW203
Luminary Teak



NW300
Weathered Storm



NW871
Roaring Wind



NW613
Continental Walnut



NW536
Twilight Oak



NW605
Zulu



NW246
Yunnan



NW100
Bailey



NW102
Rugged Trail



NW718
Midnight Cedar



NW304
Giant Gray Bamboo



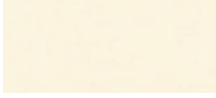
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Chalk White



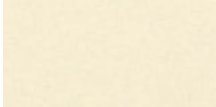
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Spa White



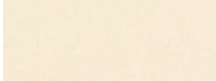
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Antique White



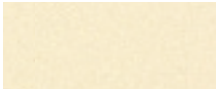
NS381
English Lace



NS872
Neutra



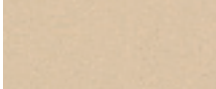
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Almond



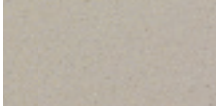
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Basic



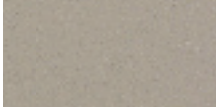
NS455
Beige



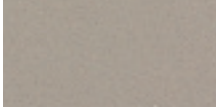
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Cordial Gray



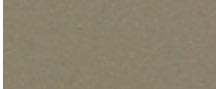
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Bethany Beige



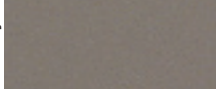
NS944
Sandcastle



NS261
Jute



NS201
Foundry



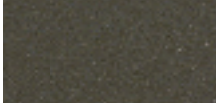
NS126
Cocoa Bean



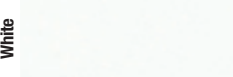
NA717
Vanilla Bean



NS907
Black Pearl



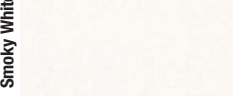
NS184
Precision White



NS237
Bone White



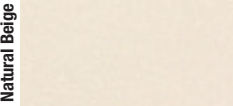
NS748
Smoky White



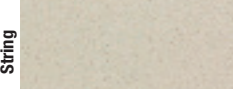
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Solid White



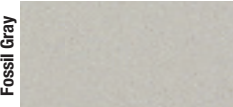
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Natural Beige



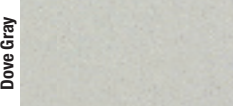
NS390
String



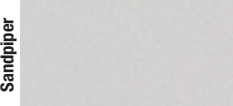
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Fossil Gray



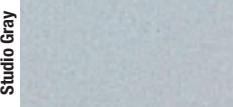
NS133
Dove Gray



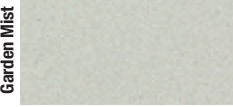
NS472
Sandpiper



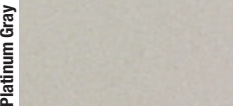
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Studio Gray



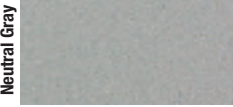
NS789
Garden Mist



NS989
Platinum Gray



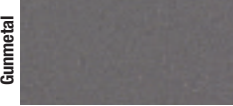
NS242
Neutral Gray



NS784
Maritime Gray



NS617
Gunmetal



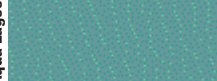
NS806
Wrought Iron



NS589
Fiji



NS826
Aqua Lagoon



NS249
Graphite Blue



NS963
Deep Blue



NS588
Regimental Blue



NS332
Patriot Blue



NS134
Sunken Treasure



NS634
Caribbean Blue



NS001
Soft Island Breeze



NS385
Wild Liatris



NS702
Tyrian Purple



NS355
Raven

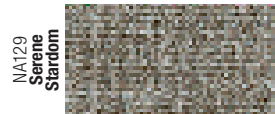
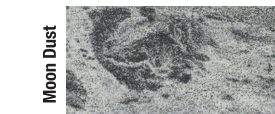
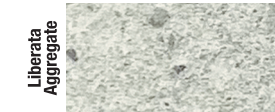
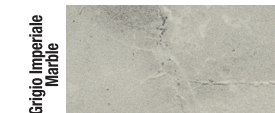
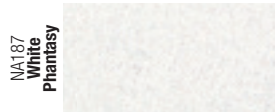
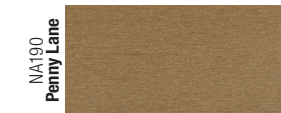
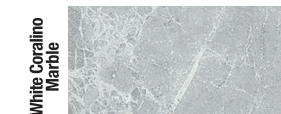
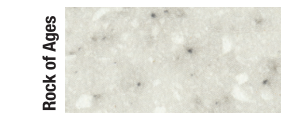
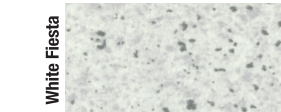
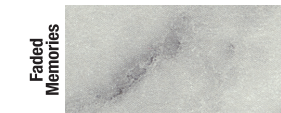
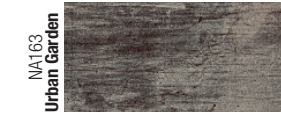
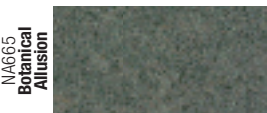
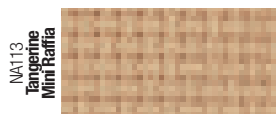
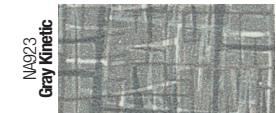
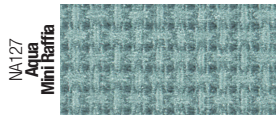
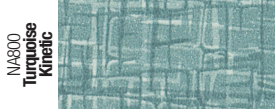
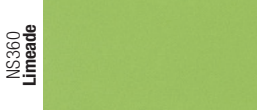


NS791
Black



NS878
Jett Black





NA709 White Kinetic	NA217 Gray Tranquility	NA144 Vision Vava	NW139 Eiskarte	NA437 Veto Proof	NA517 Frappe	Spirito Terrazo	Galactic Dust	White Perito Marble	Taupe Imperiale Marble	NA681 Silverline Hautelink	NA496 Kopi Susu	NA106 Silver Dollar	NA184 Aluminite	NA985 Stainless MetalX	NA154 Calm Distinction
NA824 Wild Oats Matrix	NA985 Studio White Matrix	NA655 Winter Gray Matrix	NA505 Birch Matrix	NA658 Straw Matrix	NA335 Neutra Matrix	Man on the Moon	Spanish Marble	Smokey Skies	Upland Stone	NA493 Greige Matrix	NA270 Gray Matrix	NA303 French Blue Matrix	NA142 Storm Gray Matrix	NA618 Phantom Gray Matrix	NA111 Charcoal Matrix
NA133 Ivory Essence	NA644 Pure Spun Yarn	NA482 Eceru	NA169 Blissful Path II	NA372 Marrakesh Express	NA956 Canyon Fissure	Rare Earth Slate	Stepping Stone	Brown Coralino Marble	Estasi	NW288 Calypso	NA143 Veta Shadows	NA429 Black Lodestone	NA575 Vous Metal	NA406 Basic Black Hautelink	NA141 Easy Elegance
NA147 Harmony Glow	NA537 Ochre tempera	NA401 Tea Stain Spun Yarn	NA102 Papier Au Lait	NA294 Golden Allusion	NA464 Vous Fawn	Classic Rock	Lunaria Shadow	Blue Lunaria	Visible Vava	NA422 Verdicts In	NA305 Aged Elements	NA135 Charcoal Fusion	NA925 Charcoal Essence	NA941 Adaptable Muse	NA119 Decadent Allusion

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 2 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

877.726.6526 | nevamar.com

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

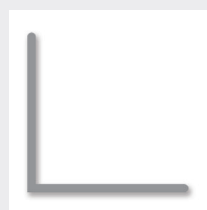
Technical information listed below applies to Nevamar FRL panels. PDF files of specification sheets/technical data are also available at nevamar.com. Refer to technical bulletin for fabrication requirements and other updated information. For additional information, contact your sales/specification representative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



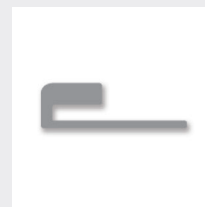
XCR-000
Outside Corner Round
2-piece kit



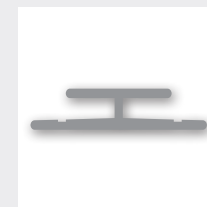
XDB-000
Division Bar
2-piece kit



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.



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