Marlite Induro™ FRP – Class "I/A" Wall Panel

Product

Induro Decorative Laminate FRP is an exceptionally wear resistant panel created through an exclusive process of thermally bonding melamine impregnated surfacing material directly to the FRP core. Designed to match and coordinate with popular High-Pressure Laminates (HPL), the panels are available in a superb array of woodgrains, solid colors, and abstract prints. Induro FRP is light-weight, installs as easily as any standard FRP panel and is the most cost-effective way of applying laminate to walls.

Features & Attributes
- Offers the same outstanding durability as HPL.
- Balanced for panel integrity.
- Coordinates beautifully with HPL tabletops and case goods.
- Class A and Class C fire-ratings available.

Applications & Uses

Marlite Induro FRP lets you design any look you want – warm or cool, rich, rustic, serene or bold. Ideal for all types of public service areas in hospitals, schools and recreational facilities along with enhancing classrooms, hospital rooms and waiting room. It is also great for upscale chains that want a consistent look in all locations that's fast and easy to install and delivers long, low maintenance cost-effectiveness.

Product Identification

Flame Spread ≤25

INDURO FRP

Smoke Developed ≤450

Standard Items	Available Sizes	Core Color	Score Line	Harmonizing Molding	Harmonizing Sealant	Packaging & Weight
WOODGRAINS	4' x 8' .090" nominal panel thickness	White	Unscored	Per Spec	Per Spec	32 sqft / 20# per pc
ABSTRACTS	4' x 8' .090" nominal panel thickness	White	Unscored	Per Spec	Per Spec	32 sqft / 20# per pc
SOLIDS	4' x 8' .090" nominal panel thickness	White	Unscored	Per Spec	Per Spec	32 sqft / 20# per pc
CUSTOM * Per Customer Specification	4' x 8' .090" nominal panel thickness	White	Unscored	Per Spec	Per Spec	33 sqft / 20# per pc

Physical Properties

Property	ASTM Procedure	Typical Value Induro FRP
Flexural Strengths (psi)	D790	1.7×10^4
Flexural Modulus (psi)	D790	1.7×10^6
Tensile Strengths (psi)	D638	1.1×10^4
Tensile Modulus (psi)	D638	1.3×10^6
Barcol Hardness	D2583	72
Izod Impact Strengths (ft #/in)	D256	7.0
Thermal Coefficient Of Lineal Expansion (in/in/F)	D696	
Water Absorption (%)	D570	.39
Specific Gravity	D792	1.54
Abrasion (L)	D968	137
Adhesion	D2197	Pass @ 10 kg
Fire Ratings	E-84	Class I/A
Flame Spread		<25
Smoke Generation		<450
CAN/ULC Fire Rating	S102-M88	
Flame Spread		
Smoke Generation		

Panel Specifications

1. Panel dimensions are:
 Panel thickness: .090" +/- 10%
 Width: 47½ " +/- 1/8"
 Length: specified length 95½" +/- 1/8"
 Squareness: not to exceed 1/8" for 8' or 5/32" for 10' panels
2. Panels shall be installed in strict accordance with Marlite FRP Installation Instructions. **IMPORTANT – Panels are installed differently than standard FRP Panels.**

Approvals & Certifications

- Class I/A Fire Ratings per ASTM E-84 flame spread and smoke development tests
- Meets USDA/FSIS requirements

Storage & Preparation

Carefully inspect all panels prior to installation. Notify Marlite at once if panels are deemed unacceptable. Marlite FRP Panels should be stored indoors on a flat, clean, dry surface for at least 24 hours prior to installation. Room and material (panels and adhesive) temperature should both be at or near 70◦F at the time of installation. Marlite FRP is intended to be installed over unfinished, untreated plywood or unfinished, untreated drywall. Contact Marlite prior to installing over other substrates.

Installation Overview

Safety – use eye protection. Wear filter mask to cover nose and mouth, especially when cutting panels.

Tools Required – power saw (carbide tip), saber saw (metal cutting blade), caulking gun, tape measurer, drill, file, hammer, level, saw horses and supports.
IMPORTANT - *See Marlite FRP Installation Instructions for complete details.*

Accessories

- Marlite PVC Trim Molding with integral, matching colors, 8' & 10' lengths.
- Marlite Aluminum Trim Molding with integral, matching colors, 8' lengths.
- Marlite Stainless Steel and PVC Outside Corner Guards, 8' & 10' lengths.
- Marlite PVC Base Molding, 10' lengths.
- C-551 Marlite FRP Adhesive or C-915 Marlite Construction Adhesive
- MS-250 Clear & MS-251 White Marlite Silicone Sealant

Cleaning Guidelines

When a regular cleaning schedule is executed, soil and dirt will not build up. A mild, non-abrasive cleaner is effective.

For Additional Information, see:

www.marlite.com
Marlite FRP Brochure
Marlite Induro FRP CSI Specifications
Marlite FRP Installation Instructions
Marlite FRP Cleaning Instructions

Marlite

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