



PurePrint Rigid Technical Information and Product Specs

Main Benefits

- Class A fire rating, self-extinguishing material
- 4' x 8' x 0.80" sheet size
- Digitally printed for decorative projects
- Installer-friendly; no fiberglass particles
- Easy to thermoform and bend
- Withstands harsh chemicals and frequent cleaning
- Impact and scratch-resistant
- Attractive smooth surface
- Non-toxic, lead free, phthalate free
- 100% recyclable
- USDA/FDA Compliant
- Clean Air Gold Certified; allows for LEED and WELL credits

Applications

- Hospitality
- Healthcare environments, assisted living, ambulatory care
- Retail
- Institutional, universities/colleges, schools
- General commercial interiors, offices

Technical Information and Fabrication Hints

Property	Conditions (U.S. Customary)	ASTM Method	Units – SI (U.S. Customary)	Value (U.S. Customary)
Physical				
Density		D-792	g/cm ³	1.4
Mechanical				
Tensile Strength at Yield	10 mm/min	D-638	MPa	50
Tensile Strength at Break	10 mm/min	D-638	MPa	>80
Tensile Modulus of Elasticity	1 mm/min	D-638	MPa	2900
Flexural Modulus	1.3 mm/min	D-790	MPa	2700
Flexural Strength	1.3 mm/min	D-790	MPa	80
Impact Falling Weight	3 mm Sheet	ISO 6603/1 E50	J	95
Rockwell Hardness		D-785	R scale	97R
Thermal				
Service Temperature			°C	-10 to +50
Heat Deflection Temperature	Load: 1.82 MPa	D-648	°C	65 – 68
Coefficient of Linear		D-696	cm/cm °C	6.7 x 10-
Thermal Expansion				

PurePrint Rigid

Restriction of Hazardous Substances Directive 2011/65/EU RoHS2 and amended Directive 2015/863 RoHS3: No known ROHS substances contained in this product.

REACH - Substances of Very High Concern: No known SVHC substances contained in this product.



Fabrication Hints: This Series can be fabricated with all standard woodworking tools. The material can be slit, scored, sawed, routed, steel rule die cut, and more. They can basically be fabricated and laminated the same as high pressure laminates.

Sheet Size: 4' x 8' with other sizes possible.

Sheet Thickness: (.080")

Storage: All PurePrint Rigid products should be stored flat.

Cleaning: Clean as needed with soap and warm water (preferred) or with isopropyl alcohol. DO NOT USE ANY SOLVENT CONTAINING ACETONE OR LACQUER THINNERS.

Stain Resistance Properties

Stain Resistance Testing		
#	Materials	Results
1	Household Ammonia	N
2	409 all purpose cleaner	N
3	Isopropyl Alcohol	N
4	Clorox	N
5	Windex® Surface Cleaner	N
6	Scotch-Brite® w/Soap	N

*N = no change
 S = slight change
 M = medium change
 L = large change
***No Sign of Wear**

Conditions and Warranty:

ATI Decorative Laminates warrants to the original consumer purchaser for one (1) year after date of purchase that, under normal use and service, MirroFlex™, Fusion, NuMetal™, and LumiSplash™ products are free from manufacturing defects and conform to published specifications. This warranty applies as long as the consumer purchaser and/or installer follows ATI's installation instructions (methods), which also includes using recommended adhesives, when adhering ATI's products to recommended surfaces. ATI Decorative Laminates' products are intended for primarily interior applications. ATI Decorative Laminates believes all information contained herein to be correct. It is the responsibility of the fabricator/customer to completely test the adhesives and methods of fabrication to ensure that the results are satisfactory. The seller's only obligation will be to replace product on a one-to-one basis in the event it is covered under the above warranty. ATI is not responsible for any fabrication, ancillary, or labor costs involved with using its products. Neither the manufacturer nor the seller shall be liable for any additional damage or loss, directly or indirectly, arising as a result of using its products. Slight imperfections and color variations can occur and are considered normal. Please inspect each product carefully before fabrication to ensure it meets your needs.