



MirroFlex® MAX Technical Information and Product Specs

Description

- MirroFlex MAX wall panels are deeply textured thermoplastic sheets in a variety of patterns and colors. These products incorporate the BIO (built in overlap) system to assist in seaming, and they are used in interior design to further beautify spaces.
- MirroFlex MAX is produced from a high impact, fire-rated sheet that is cost competitive with other deeply textured wall products
- Size – nominally 4' x 8'. This is a dimensional product, so actual thickness varies by pattern. Raw material thickness is 0.045"
- MirroFlex MAX offers more uniform forming with less wall thinning and offers significantly greater resistance to a broad range of corrosive chemicals and cleaning solutions. These products can also be cleaned with certain anti-viral products (against

Applications

Commercial Market Uses:

- Office spaces
- Education (schools, universities, colleges)
- Healthcare (hospitals, senior and assisted living, etc.)
- Hospitality (fast food/casual and dine-in restaurants, hotels, bars, ect.)

Residential Market Uses:

- DIY and Renovations
- New Home Construction

Physical Properties

Property	Test Method	Typical Value
Specific Gravity	ASTM D-792	1.35
Tensile Strength	ASTM D-638	42 MPa 6,100 psi
Elongation %	ASTM D-638	110
Flexural Strength	ASTM D-790	66 MPa 9,600 psi
Modulus of Elasticity	ASTM D-790	2,480 MPa 360,000 psi
Notched Izod Impact Resistance, @ 23°C (73°F)	ASTM D-256	801 J/m 15 ft-lbs/in
Rockwell Hardness (R Scale)	ASTM D-785	94
Heat Deflection Temperature (HDT) @264 psi (1.8 MPa) annealed	ASTM D-648	75.6°C 168°F
Flammability: Underwriters Laboratories., Inc® Component Recognition	UL Standard 94	V-0, 5V
Federal Aviation Administration	FAR 25.853 (a)	Pass

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Stain Resistance Properties

Stain Resistance Testing			
#	Materials	24 Hrs	7 Day
1	Wesson Oil	N	N
2	Household Ammonia	N	N
3	409 all purpose cleaner	N	N
4	"Tide" laundry detergent	N	N
5	Isopropyl Alcohol	N	N
6	Clorox	N	N
7	Grape Juice	N	N
8	Orange Juice Concentrate	N	N
9	Coffee	N	N
10	Mustard	N	N
11	Ketchup	N	N
12	Red wine	N	N
13	Coca-Cola	N	N
14	Water	N	N
15	Black crayon	L	L
16	Lipstick	L	L
17	Pine-Sol	N	N
18	Vinegar	N	N
19	Steel Wool	N	N
20	Tea	N	N
21	Windex® Surface Cleaner	N	N
22	Scotch-Brite® w/Soap	N	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.