



## MirroFlex® Perforated/Acoustical Technical Information and Product Specs

### **Description**

- MirroFlex Structures Perforated/Acoustical Tiles are perforated thermoplastic tiles with high impact resistance, and are available in over 40 patterns for 2'x2' lay in applications. There are matte and gloss finish options in two colors, black or white. They can be used as a decorative product where other acoustical 2'x2' lay in ceiling tiles are typically used.
- MirroFlex Structures Perforated/Acoustical Tiles can easily be cut to size with razor knives or scissors.
- Size (nominal) - 2' x 2' x .030" (610 x 610 x .76 mm). This is a dimensional product, so actual thickness varies by pattern.
- Product ships with clear protective film.

### **Applications**

Commercial Market Uses:

- Office – offices, lobby/reception, conference rooms, hallways
- Education – class rooms, auditoriums, hallways
- Healthcare – patient rooms, lobby/reception, operating rooms, hallways
- Hospitality – restaurants, bars, hotels/motels

### **Physical Properties**

- NRC = 0.55 (when used with poly fiber backer)
- NRC = 0.45 (when used with mineral fiber tile)

Holes:

- Open area: 12.7%
- Hole diameter: 1.25 mm

### **Technical Properties**

PROPERTY	TEST METHOD	TYPICAL VALUE
Fire Retardant	ASTM E-84	Class A
QUV		Minimum 1,500 hours
Solvent Resistance		50 MEK
Humidity		12 hrs 96-100% RH @ 40 degrees C on MDF
MEK Double Rubs/Crockmeter		Withstands 70 cycles
Impact Resistance	ASTM D5420	>2 inch lbs per mill of thickness



## **Stain Resistance Properties**

<b>Stain Resistance Testing</b>			
<b>#</b>	<b>Materials</b>	<b>24 Hrs</b>	<b>7 Day</b>
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	N	N
16	Lipstick	N	N
17	Pine-Sol	N	N
18	Vinegar	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.