

### Deeply Textured Decorative Laminates

Airro Flex®

Commercial Healthcare + Institutional Hospitality Retail Residential



## Design Beyond the Surface

ATI Decorative Laminates is a leading manufacturer of decorative surfacing solutions. Headquartered in Greensboro, NC since 1979, ATI provides solutions for the hospitality, healthcare and institutional, retail, commercial, and residential markets. Through our commitment to continuous improvement and our strong company values, our goal is to provide superior decorative products, quality customer service, and foster long-lasting relationships.

ATI products can be specified under the following CSI divisions:

- 066400 MirroFlex Structures and MAX Decorative Wall Panels
- 095000 MirroFlex Ceilings
- 095100 MirroFlex Decorative Acoustic Ceilings
- 095400 MirroFlex Ceilings and Light Diffusers
- O97200 MirroFlex Structures and MAX Decorative Wall Panels
- 102100 MirroFlex Tub and Shower Surrounds
- 102600 MirroFlex Door Skins

ATI Decorative Laminates 6106 West Market Street | Greensboro, NC 27409 800.849.1320 | 336.668.0488 | Fax: 336.668.0713 | ATILaminates.com

ISO 9001:2015 Certified | ISO 14001:2015 Certified | HUB (Historically Underutilized Business) Certified





## Contents

Design Beyond the Surface	
What is MirroFlex?	2
Why Choose MirroFlex?	4
Our Green Commitment	6
EccoFlex & EccoFlex 2.0	7
MirroFlex Structures	
Wall Panels	8
MAX	16
Case Study: Flagship Premium Cinemas	20
Tub & Shower Surrounds	22
MirroFlex Ceilings	
The Power to Define a Space	24
Ceiling Tiles	26
Case Study: Jackpot Joanie's	30
Decorative Acoustic Ceiling Tiles	32
MirroFlex Lite & Drop-Out Ceiling Tiles	34
Light Diffusers	36
Flat Sheets	38
Door Skins	40
Custom Tooling	42
MirroFlex Ink'D	43
Finishes	44
Accessories	46
Fabrication & Installation	48
Tech, Terms, & FAQs	50
Quick Reference Guide	
Ceiling Patterns	52
Wall Panels	53
How to Order	54



THE FORMULA KALAHARI + GLOSS WHITE (PAINTABLE)

FRONT COVER: WALL PANELS, WAVATION + VINTAGE METAL | CEILING TILES, MADISON + MATTE WHITE

## Design Beyond the Surface







Flexible for Easy Shipping



BIO (Built-In-Overlap) for Easy Installation

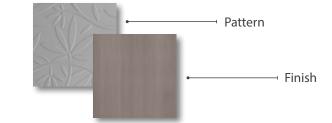
## What is MirroFlex?

ATI's MirroFlex Product Line allows you to design inspiring spaces with great ease, offering MirroFlex Structures, Flat Sheets, and Accessories.

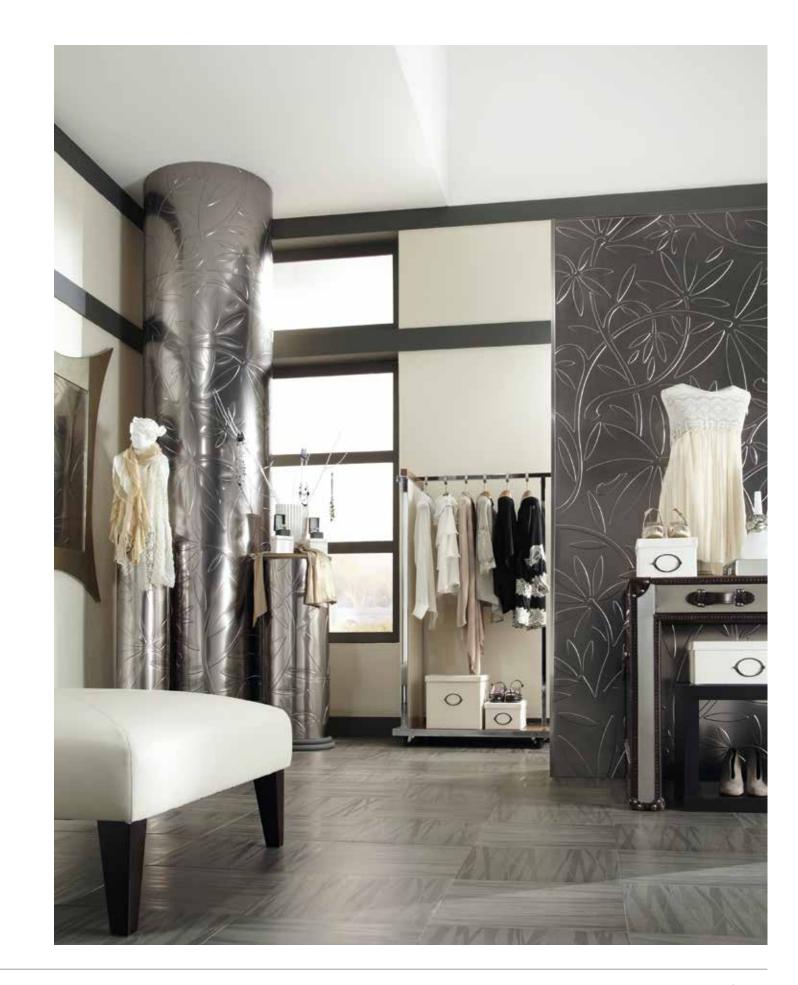
MirroFlex Structures are deeply textured, decorative, thermoplastic wall panels and ceiling tiles. This product line offers design flexibility and is available in multiple sizes suitable for walls, ceilings, display fixtures, furniture, and other interior design applications. Whether a contemporary or more traditional design is required, the design and finish combinations that MirroFlex Structures offer will suit most needs. Most panels also feature the BIO (Built-In-Overlap), a unique seam system that makes installation easy and creates less visible seams.

Hundreds of designs and color combinations are available via our custom program for faster turnaround and infinite possibilities. Use this catalog as a reference guide for some of the possibilities that can be achieved with MirroFlex. Consult with your ATI Representative with specific questions, technical requirements, or project needs.

### Look for The Formula Pattern + Finish = MirroFlex



THE FORMULA AUDREY + BRUSHED NICKEL (PICTURED RIGHT)





## Design Beyond the Surface

## Why Choose MirroFlex?

#### 1. Easy to Install

Fabrication and installation of MirroFlex is easy. The product is compatible with many different adhesives and installation methods.

#### 2. Lightweight and Flexible

Only .030" thick and .25 pounds per square foot. Sheets can be rolled and boxed for courier shipment.

#### 3. TuffCote™

TuffCote<sup>™</sup>, a revolutionary scratch-resistant protective shield, is added to some MirroFlex and MirroFlex Structures finishes. For further details, visit ATILaminates.com or call your ATI Customer Service Representative.

#### 4. Fire Retardant

MirroFlex meets ASTM E-84 Class A requirements. Even though it is fire retardant, panels can be deformed with excessive heat. Never expose to over 140° F. Specific technical fire data is available upon request. Painted tiles may no longer be fire retardant under ASTM E-84 Class A and must be tested on an individual basis.

#### 5. High Impact Resistant and Chemical Resistant

Complete testing data is available on our website.

#### 6. Phthalate-Free

ATI is proud of the fact that MirroFlex products are phthalate-free.

#### 7. Matte Topcoat

Matte topcoat is available as special order for select finishes, minimums apply. Call your ATI Customer Service Representative for more information.

#### 8. Paintable and Custom Colors

Certain MirroFlex finishes can be coated with a variety of paint types to match your desired finish. Custom colors are also available, minimums apply. See our technical information on our website or call your ATI Customer Service Representative for more information.

#### 9. Made in USA and in an ISO Certified Facility

MirroFlex products are made with pride in the USA. ATI is ISO Certified which enables us to have the "hands on" control necessary to maintain the high standards customers expect from us.

#### 10. MirroFlex Structures are Available with Custom Designs

The possibilities are endless. Call your ATI Customer Service Representative to discuss your custom project.



### Features





## Our Green Commitment

## Improvement and Innovation

As an ISO 9001:2015 and ISO 14001:2015 Certified company, we are committed to continual improvement through our life-cycle approach to manufacturing and quality product design. From our selection of raw materials and maximization of material yields to our manufacturing processes and end-of-life management strategies, ATI serves the demands of today's customer while preparing for tomorrow.

Manufacturing capabilities have constantly improved through the years and ATI's present location is on 6.5 acres centrally located in Greensboro, North Carolina, in a 70,000 square foot, state-of-the-art facility.

Since our 2015 Solar Manufacturing Offset Initiative, over 50% of our energy consumption has been offset by renewable solar energy.



**ATI's Quality & Environmental Policy:** ATI is committed to meeting customer expectations with on-time delivery, accurate order processing, and continuous improvements to our organization.

We are investigating alternate methods of minimizing our fall-off through "waste-to-profit" networking where our manufacturing waste becomes material for another product.

Our commitments don't end at the door. We understand that our supply chain partners are part of our environmental footprint. We are working with our suppliers to reclaim materials that go into our final product assembly – further minimizing the manufacturing waste that ends up in a landfill.

ATI is committed to maintaining a healthy work environment for our employees and to protecting our community in which we operate. Through continuous improvement we pledge to:

- Conduct our operations in compliance with all applicable environmental laws and regulations as well as other requirements.
- Review our established targets and objectives.
- Prevent pollution and minimize waste.

## Making a Mindful Choice

At ATI Decorative Laminates, we understand sustainability is a journey of ongoing improvement and innovation. Being a sustainable business means constantly re-evaluating how our products are produced. ATI's MirroFlex product line offers two environmentally-friendly solutions for architects and interior designers – EccoFlex and EccoFlex 2.0.

### EccoFlex

EccoFlex is phthalate-free and made of 40% pre-consumer recycled material. EccoFlex gives customers an Earth-friendly option with the same benefits as MirroFlex, including: easy installation, flexibility, durability, and high quality appearance. Available in EccoFlex Tan (Paintable).



ccoFlex Tar Paintable

### EccoFlex 2.0

ATI has always been committed to environmental health and safety. That's why the PVC used in our original MirroFlex formula is engineered to emit low VOCs and contains no toxic chemicals at hazardous levels. We're an industry leader in more sustainable and mindful options for architects and interior designers, and we're always exploring new options for our core customers. That's why ATI has developed an all-new formula for success—introducing EccoFlex 2.0, a PVC-free alternative to our original MirroFlex formula.

Why PETG? Why now? We want all of our customers to feel confident that they're making better choices for tomorrow. EccoFlex 2.0 gives ATI's customers a new, PVC-free option that is recyclable.\* Enjoy all of the same benefits of MirroFlex, including: easy installation, flexibility, durability, high-quality appearance, and the ability to be bent and/or die-cut to meet designer specifications.

We understand that PVC may not be suitable for all applications. The PETGbased formula in EccoFlex 2.0 products are a great alternative, giving you the same look as our original MirroFlex at a similar price point. See pages 44-45 to learn what finishes are currently offered in the EccoFlex 2.0 program.

\* See ATILaminates.com/Resources for technical information on EccoFlex 2.0. Contact your regional recycling and waste reduction district to learn more about recycling locations and instructions.

### What We Offer



## EccoFlex & EccoFlex 2.0

#### Features



Recyclable

Lightweight + Flexible

Easy to Install

Impact Resistant

🏽 Abrasion Resistant

Chemical Resistant

Stain Resistant

Fire Retardant

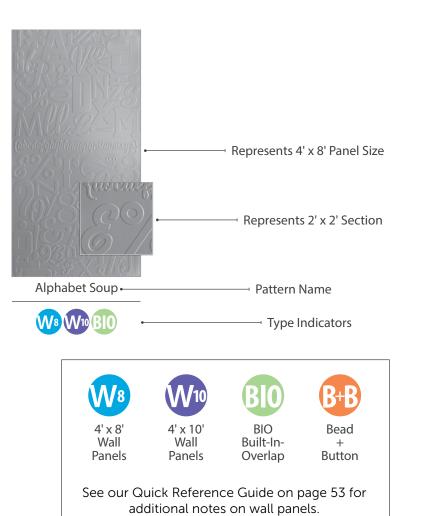


## MirroFlex Structures Wall Panels

## **4' x 8' and 4' x 10' Patterns:** The Formula for Success Begins Here

MirroFlex Structures offer a wide range of deeply textured, 3-dimensional decorative wall panels for almost every wall paneling requirement. Whether a contemporary or more traditional design is required, MirroFlex decorative wall panels are available in over fifty 4' x 8' patterns, over thirty-five 4' x 10' patterns, and over forty unique finishes. The 4' x 8' and 4' x 10' wall panels also use our unique BIO or Bead + Button feature that makes seams less visible.

Combine these patterns with a broad spectrum of colors and patinas to create a custom look for modern or traditional spaces.



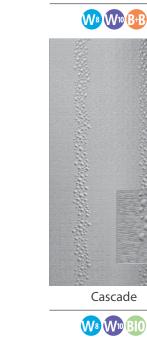






Camelot

W10 BIO



Ariel

W8 W10 BIO

Boston

#### Features



8



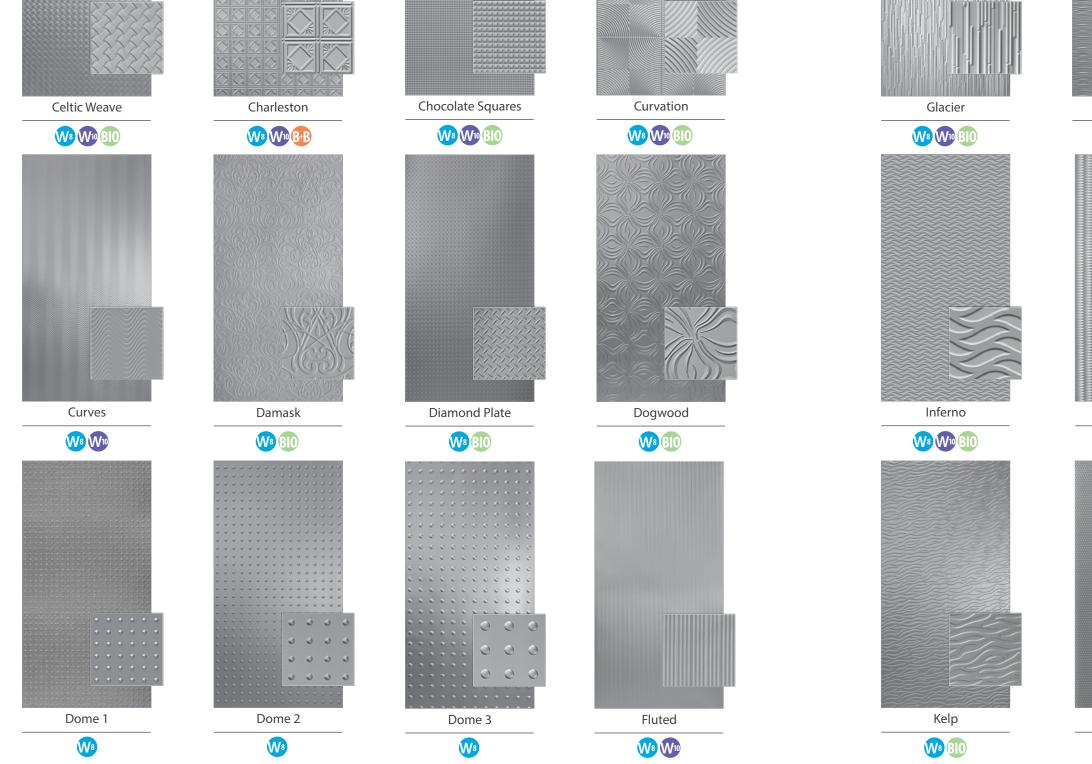


Celestial

W<sup>8</sup>BIO







Gobi



Interlink

W8 W10 BIO

Marquis

**W**<sup>8</sup>





Herringbone



Kalahari



Metal Plates



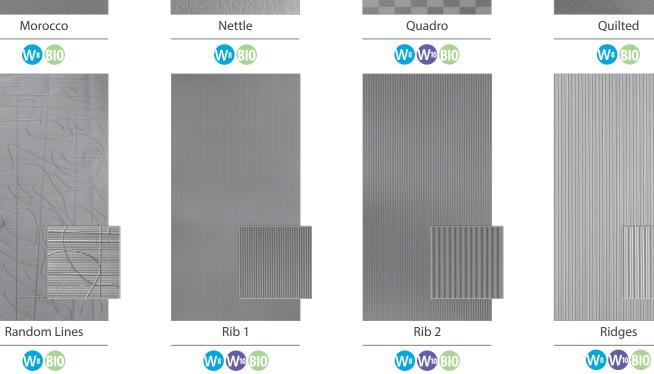


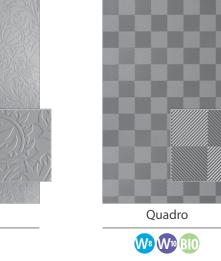


**W**<sup>8</sup> BIO

Mini Dome

**W**8

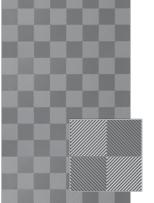




Mini Quadro

W<sup>8</sup> BIO

W8 W10 BIO

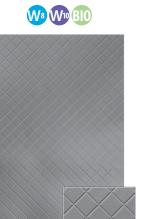


W8 W10 BIO

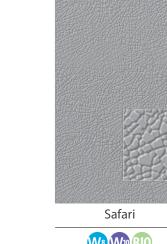
Mojave

**W**<sup>8</sup> W<sup>10</sup> BIO





Mojave Vertical

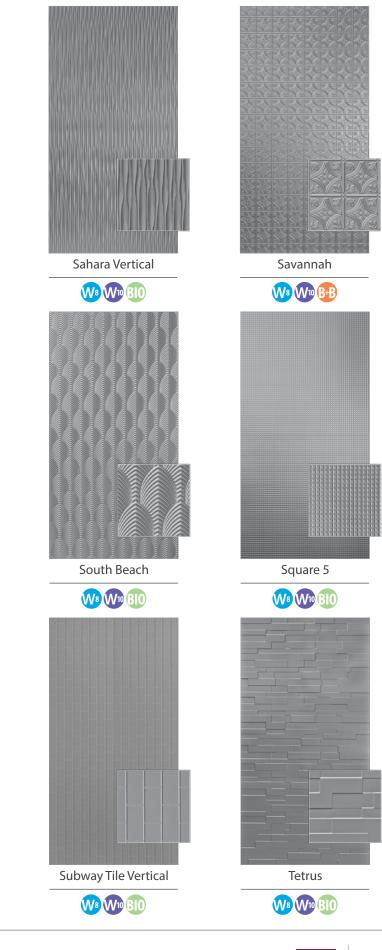














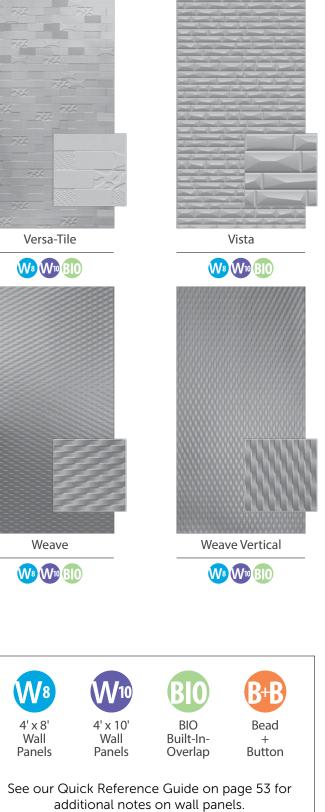
Weave

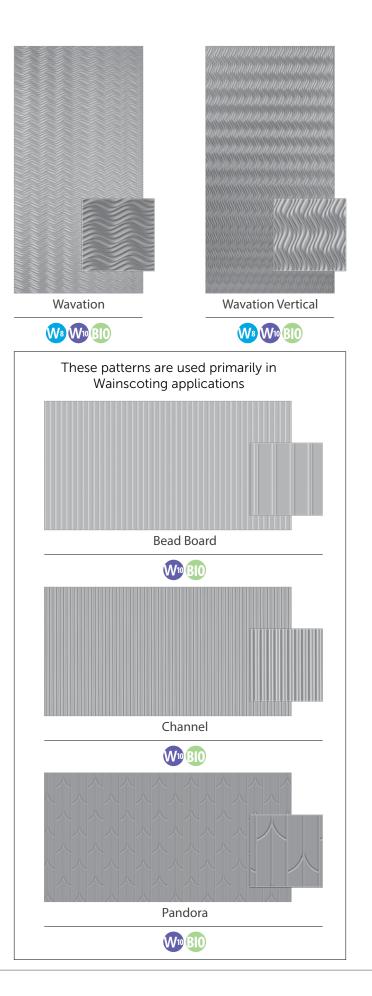
**V**8

4' x 8'

Wall

Panels









# MirroFlex MAX Wall Panels

# MirroFlex MAX

Deeply Textured Wall Panels

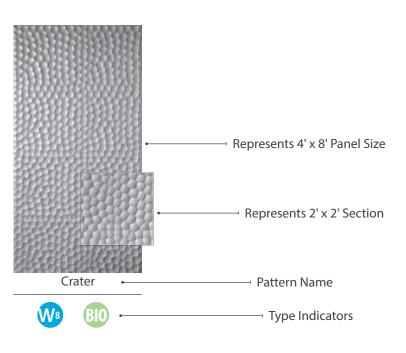
### **Features**



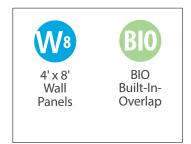
## 4' x 8' Patterns: Take Your Design To The MAX

With six contemporary designs, MirroFlex MAX will make any space the envy of everyone. The 4' x 8' wall panels also use our unique Built-In-Overlap (BIO) feature that makes seams less visible.

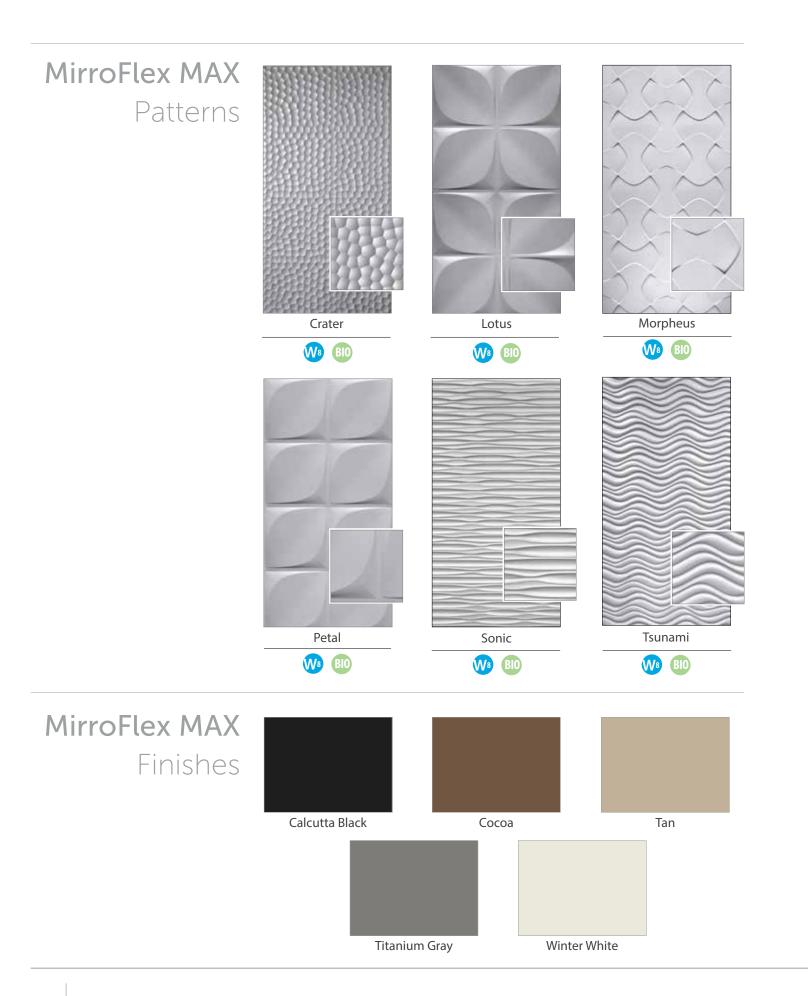
Combine these patterns with five new finishes to create a unique, modern look for your space.

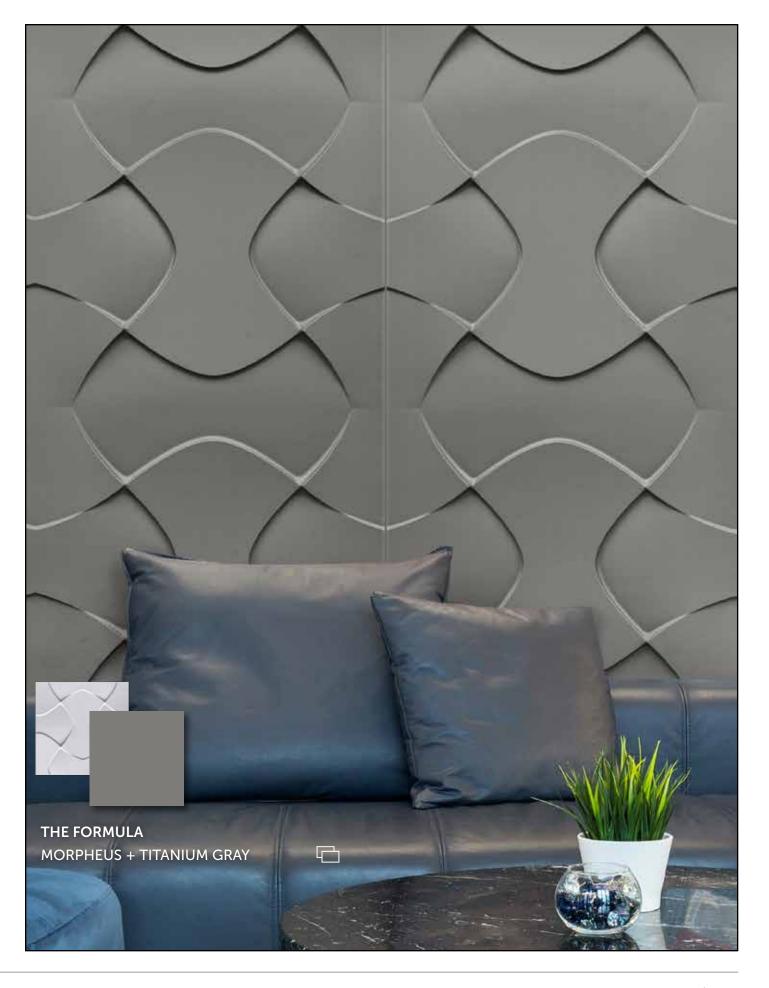


MirroFlex MAX offers deeply textured 4' x 8' wall panels in a thicker .045" material that is color-through for superior scratch and impact resistance. These are our boldest 3-dimensional patterns to date and provide even greater depth to walls.











## Case Study: Flagship Premium Cinemas Wareham, MA

ATI MirroFlex Product: MirroFlex Structures Wall Panels

> Designer/Builder: Cinematic Innovations Team, Flagship Cinemas

> > Installation Year: Ongoing

2014 **Began Installing** MirroFlex Structures

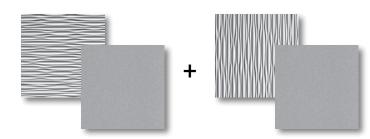
<sub>Over</sub>15 **Modern Theatres** on the Atlantic Coast

Flagship Premium Cinemas in Wareham, Massachusetts is just one of over 15 modern theatres spanning the Atlantic coast from Vermont to Maine. Paul Wenger, President of Flagship Premium Cinemas, and his in-house Cinematic Innovations Team (CIT) take on the challenge of renovating outdated movie theatres and creating new and elegant spaces reminiscent of 5-Star Hotels. Wenger and the CIT team look to create an experience from the time a guest enters the lobby until the final credits roll.

Wenger discovered MirroFlex Structures at a Las Vegas tradeshow years ago and was impressed with what he saw, commenting "MirroFlex always has new and exciting designs and is the most bang for your buck." MirroFlex Structures were the obvious choice to give this theatre project the high-end look he was seeking without the expense.

When renovations began for the Wareham, MA location, Wenger and his team worked together from initial sketches, design, prefabrication, and installation. This particular theatre space was to include a bar, appropriately named Pig & Whistle, which was mostly constructed and pre-fabricated off site using standard building materials as well as MirroFlex Structures to give it a unique look. In addition to along the front of the bar, MirroFlex Structures Mojave in Argent Silver was installed to the back of the storage cubbies for behind the bar. Later, edge-lit acrylic shelving and down lighting was added to complete the look. Installation took just a few hours. "That's the beauty of your product," noted Wenger, "it takes no time at all to put up - you can take a water-based glue {adhesive} and change the appearance of something in a matter of minutes."

When asked if Wenger would use MirroFlex products again he enthusiastically answered, "Are you kidding me? No doubt! I've been using this product for years. Most people come in to our theatres and think this was all done onsite by a high-end designer. People see the product and think we had a custom piece created for \$20,000 - when really it's simply a decorative, flexible, thermoplastic panel! The combination of your products and others have made us what we are today."



THE FORMULA MOJAVE AND MOJAVE VERTICAL + ARGENT SILVER (PICTURED RIGHT)





## Tub & Shower Surrounds

## Reskin Your Shower and Tub

MirroFlex Tub and Shower Walls are ideal for both residential and commercial environments with wet-area wall surfaces, including shower recesses and laundry walls. These robust wall surfaces are an attractive, economical alternative to traditional ceramic tiling. In fact, MirroFlex Tub and Shower Walls are a home renovator's dream thanks to their durable, non-porous, grout-free properties and easy installation and maintenance.

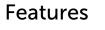
The standard kit includes three tub panels and finishing trim. Combine two tub side panels with folding corners and an adjustable back panel in your choice of 46" or 48". Be sure to check your existing tub measurements to determine which size will best suit your project.

### **Stock Patterns**



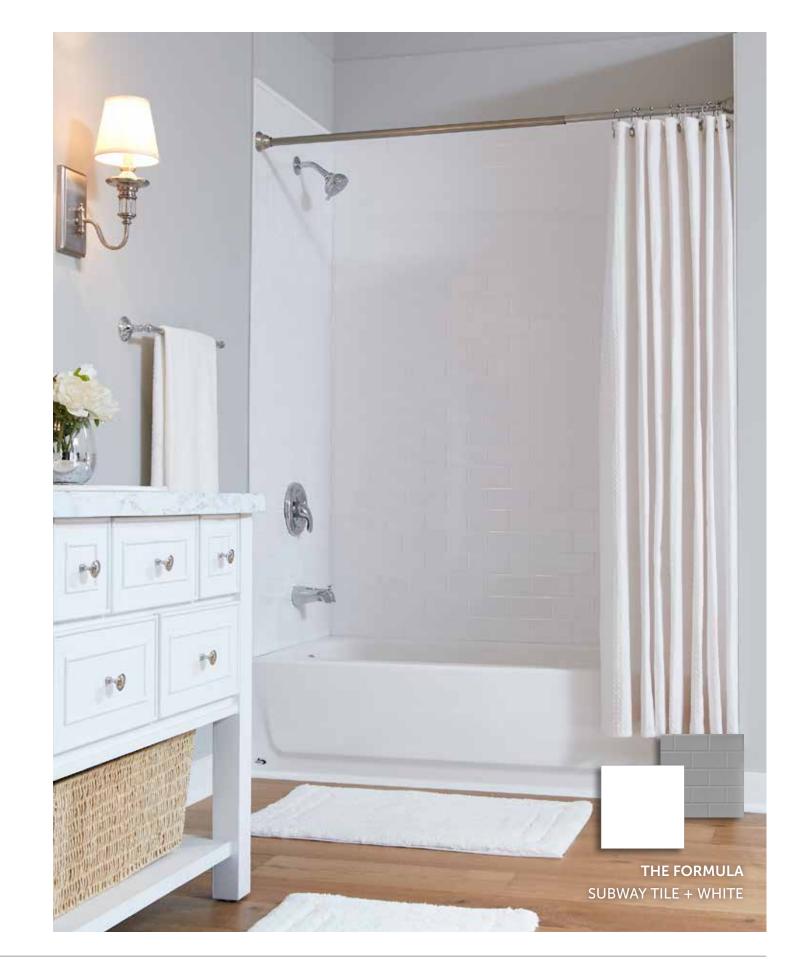
Versa-Tile





	Lightweight + Flexible
<b>AND</b>	Easy to Install
+++	Easy to Clean
<b>0</b> /	Contemporary Designs + Finishes Available
X	Fits Most Common Tub/Shower Sizes
¥	Kit Includes Trim, Adjustable Back Panel + 2 Side Panels





(\* Only Available in 46" Back Panel)



## MirroFlex Ceilings

## A Canvas for Expression: The Power to Define a Space

Considered the fifth wall in interior design, ceilings have the power to define a space. MirroFlex's wide variety of ceiling tile styles and sizes can add the dimension, texture, and visual interest you need to enhance the beauty and feel of any room.

Ceilings are no longer considered a flat, white plane but a canvas for expression. When treated properly, ceilings can become the focal point of a room. They have the ability to expand or contract a space, making a cavernous hall seem more intimate or creating a feeling of openness and light in an office with low ceilings.

MirroFlex Ceiling Tiles are opaque, thermoplastic square and rectangular panels available in a wide range of patterns, finishes, and styles. ATI offers four ceiling tile options so almost every installation situation can be accommodated.

Glue-Up: Designed with an overlap system to make installation easy, fast, and forgiving. Glue-Up tiles can be used on both the ceiling and the wall. Available as 2' x 2' and 2' x 4' sizes.

Lay-In: Designed to lay inside 15/16" grid systems. Certain patterns are available as a tegular option, where the embossed part of the design is lower than the suspension grid, and the 4 edges are flat to fit nicely into the grid. Some 2' x 2' and 2' x 4' sizes might produce sag and require a small amount of panel adhesive in the center to adhere to an existing mineral fiber tile.

Acoustic/Perforated: 2' x 2' Lay-In tiles, perforated to increase sound absorption and offer acoustic qualities.

MirroFlex Lite: Ultra-thin, cost-effective 2' x 2' Lay-In tiles that are .013" thick. Some finishes are available as a Drop-Out Ceiling Tile, designed to fall out of 15/16" grid systems when exposed to heat from a developing fire.

#### Features



THE FORMULA BOSTON + MATTE WHITE

THE FORMULA

SCULPTED PETALS + BRUSHED NICKE

## **GEORGIAN + WINTER WHITE**

**Ceiling Tiles Decorative Acoustic MirroFlex** Lite **Light Diffusers** 

MirroFlex

Ceilings

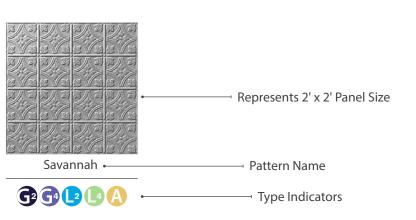
THE FORMULA MADISON + BRUSHED NICKEL



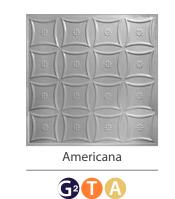
# MirroFlex Ceilings

## 2' x 2' and 2' x 4' Patterns: The Formula for Success Begins Here

Strikingly beautiful, deeply textured, and durable. These three ingredients are the foundation of every ATI MirroFlex Ceiling Tile. Combine these patterns with a broad spectrum of colors and patinas to create a custom look for modern or traditional spaces.

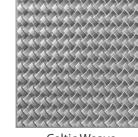












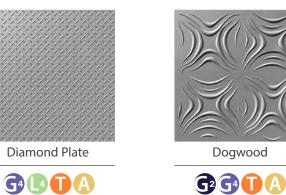
Celtic Weave







GIAD



Dogwood

### Features





Fleur

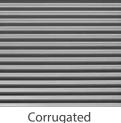
GL2LA

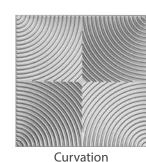


Expanded Bead Board









GOA

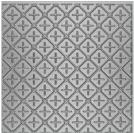














































Flux

Inset Coffer

TA



















Portrait

Sahara

**GIAD** 

Lotus



Fulton

TA



**Raised Panel Coffer** 

San Diego

Georgian





TA

Regalia

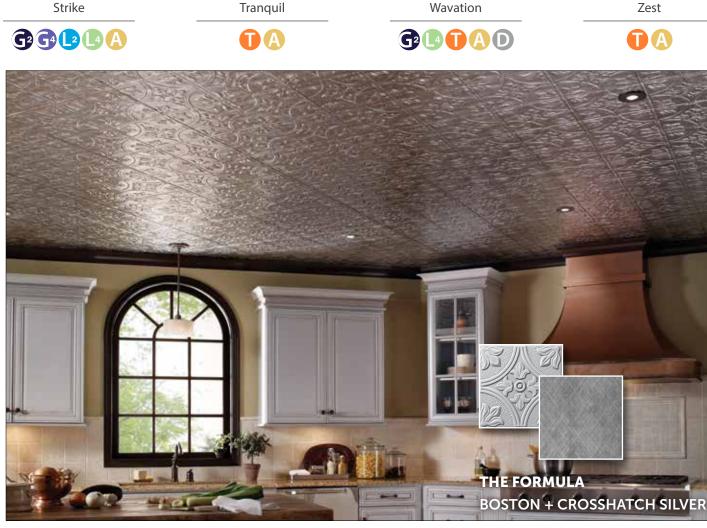
G

Savannah

















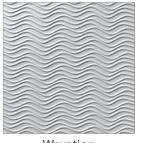






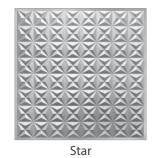












**GI**A



GIA

## Case Study: Jackpot Joanie's Las Vegas, NV

ATI MirroFlex Product: MirroFlex Ceilings

> Designer/Builder: Complex Builders

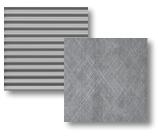
Installation Year: 2014

Jackpot Joanie's is a micro-casino franchise in Las Vegas that recently enlisted the help of Complex Builders, Inc. to renovate a number of its locations in an effort to create a greater sense of brand unity.

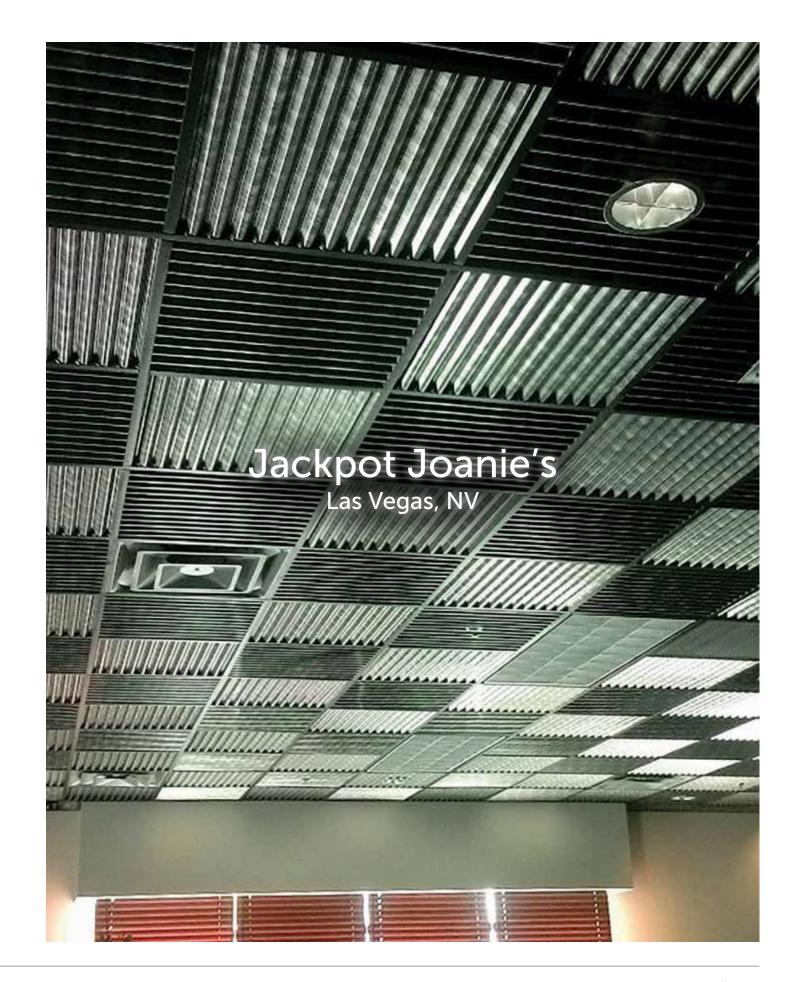
The design team wanted to incorporate the look of a corrugated metal ceiling without the installation challenges that a rigid material presents. So ATI studied the intricate details of corrugated metal – depth, dimensions, textures, and colors — and created a new custom mold that mimicked the original material.

Once CAD drawings were approved, ATI manufactured the tiles in an attractive crosshatch silver finish. "The finished product resembled a metal corrugated panel that complied with a Class A Fire Rating and weight criteria for a suspended ceiling product, and was extremely easy to work with," said Sherman Isensee of Complex Builders. "In instances where we required additional rigidity in the panels for ceiling-mounted elements, we simply used a vinyl ceiling tile as a backer to the plastic panels."

Jackpot Joanie's was pleased with the look and placed orders for a number of its locations, thanks to ATI's ability to provide custom services in-house and execute the project from concept to completion.



THE FORMULA CORRUGATED + CROSSHATCH SILVER (PICTURED RIGHT)





## Decorative Acoustic Ceiling Tiles

## Increase Style, Reduce Noise

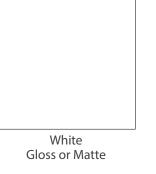
MirroFlex Decorative Acoustic Ceiling Tiles offer customers the ability to add a decorative component to suspended ceilings with the added benefit of noise absorption. Unlike other acoustic ceiling tiles which are flat and plain, ATI's decorative acoustic tiles are very affordable and available in a wide variety of decorative patterns formed into the perforated tile. Over 40 of our pattern designs are available to meet most traditional and contemporary design needs. Other colors are also available in perforated acoustic tiles. Minimums will apply along with set-up fees. Please contact ATI Customer Service for more details about your specific needs.

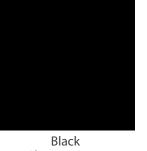
The perforated tiles come in 2' x 2' size for Lay-In ceiling applications and are available in black or white (paintable), both in gloss or matte options. They can be used with existing mineral fiber tiles, eliminating the need to discard current materials and providing a higher NRC rating when used in combination. These tiles are Class A Fire rated, lightweight, and easy-to-install. MirroFlex Decorative Acoustic Ceiling Tiles have a low minimum order quantity and are ready to ship in two weeks or less.

We also offer an easy-to-install, hold-down clip system to help support Lay-In ceiling tiles. This clip system attaches to the top of any existing grid to hold (low or high profile) Lay-In ceiling tiles in place, preventing the tiles from flipping out of place from air leaks and creating a smooth visual.

### Features







Gloss or Matte







# MirroFlex Lite Ceiling Tiles

## Bringing Lightweight Ceiling Solutions to Beautiful New Heights

MirroFlex Lite is ATI's newest value-conscious ceiling solution. Our original MirroFlex Structures line has long been coveted as a durable, beautiful, and affordable option for designers and architects. With MirroFlex Lite, we've successfully combined many MirroFlex Ceiling Tile patterns with 18 of our most popular finishes into one sleek .013" thick package.

This product line is ultra-lightweight, ultra-thin, easy-to-install, and even more cost-effective than our traditional MirroFlex line. MirroFlex Lite Ceiling tiles are available as 2x2 lay-in tiles and also 2x4 glue-up tiles.

MirroFlex Lite is perfect for commercial spaces of every kind, including hospitality, retail, and healthcare. Get the same style you've come to expect from ATI with more value and flexibility than ever before.

#### The Advantage of MirroFlex Lite

- Same flexibility, durability, and versatility as MirroFlex
- StructuresThinner and easier to cut and fabricate
- Our most cost-effective solution for ceilings

#### Looking for a Drop-Out Ceiling Solution?

Gloss/Matte White is available as a Drop-Out Ceiling Tile, and is specifically designed to fall out when exposed to heat from a developing fire. Drop-Out Ceiling Tiles:

- Provide a sleek, seamless look for commercial ceilings by hiding fire sprinklers
- Protect fire sprinklers from accidental knocks and
- tampering, both of which can result in water damage Make sprinkler system design and position easier and more
- cost-effective, as they completely eliminate the need to lower the sprinklers

ATI's MirroFlex Lite Ceiling Tiles are not recommended for ceiling installations where temperatures exceed 120° F. Ask an ATI Customer Service Representative for more information.



### **Stock Finishes**



Antique Bronze N562









### Features





## Light Diffusers

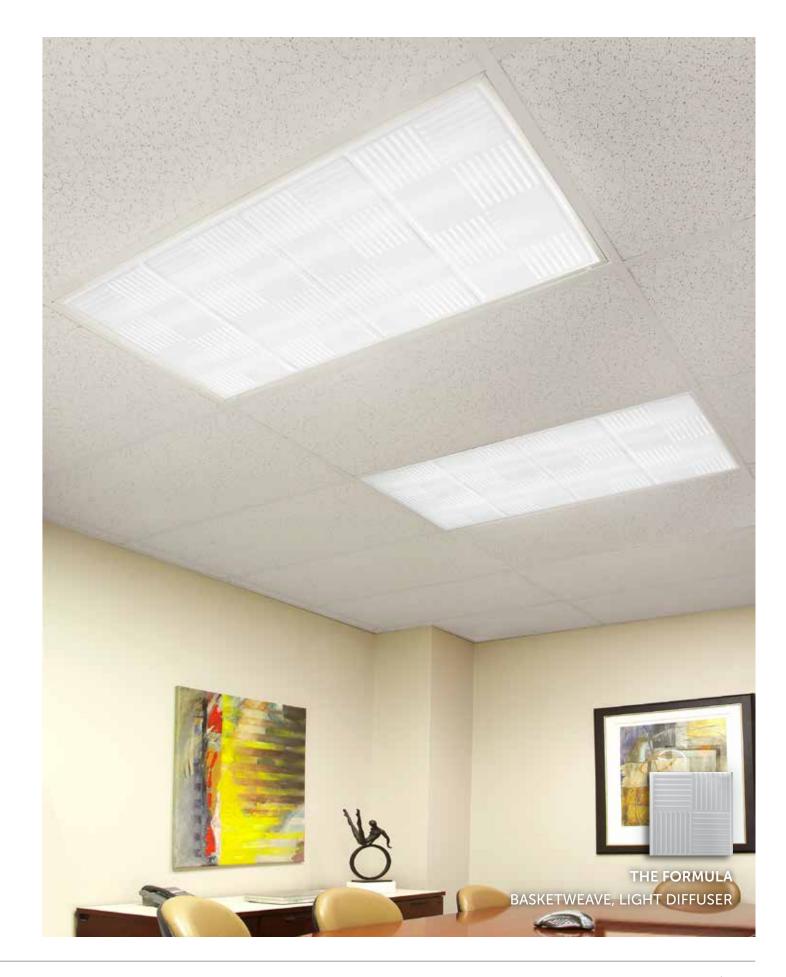
## Evenly Dispersed Illumination

MirroFlex Light Diffusers are designed to replace existing prismatic diffusers in 15/16" grid system light boxes and add up to 30% brighter, more pleasing light. Unlike most ceiling lights which direct light downward causing computer screen glare, diffusers direct light from side-to-side creating evenly dispersed illumination – ideal for office work environments.

Designed to fit 2' x 2' (Wavation pattern only) and 2' x 4' light box fixtures, our diffusers have tegular/revealed edges for easy installation. Some patterns can be cut-to-size for use in almost any light box.

With a simple change to light diffusers, you can add a contemporary look to standard fluorescent light diffusers typically found in commercial interiors.

Basketweave	Revolution
Interlink	Wavation
Can also be Cut to Size	Can also be Cut to Size





Light Box



## MirroFlex Flat Sheets

## Solutions for Innovative Applications

ATI has always pushed the limits of creativity with its innovative, deeply textured MirroFlex Structures line. However, we support and encourage both designers and fabricators to utilize our MirroFlex Flat Sheets for installations that may require special consideration.

MirroFlex Flat Sheets can be used to create some very dramatic design effects, including the ability to be die cut to almost any shape needed (furniture parts, moldings, tables, etc.), and the ability to be bent and used on a wide range of curved surfaces from soft, easy bends to column wraps of relatively small diameter. They can be flat-laminated or profile-wrapped to various substrates.

ATI also offers cut-to-size options for flat sheets and we can laminate foils to a variety of plastic types (PVC\*, ABS and HIPS) in various thicknesses and sizes, to be used in applications that include the following:

- Exhibits and Displays
- Door and Drawer Fascias
- Store Fixtures
- Cabinets, Counters, and Shelving
- Molding and Framing
- Ceiling and Wall Panels
- RV / Auto / Marine

Flat Sheets are available in all MirroFlex Structure Finishes available on pages 44-45, plus many more available via stock and custom order.

MirroFlex Edge Banding and profile wrapping comes in a diverse color range of polished aluminum, polished brass, gold, brushed aluminum, brushed brass, stainless steel, and black. Edge banding can be combined with pressure sensitive adhesive, as well as with primed backing, for highspeed edging and profile wrapping.

Be sure to contact your ATI Customer Service Representative to inquire about our Engraving line of products, all laser engraveable.

\* When used in flat sheets, PVC may contain flow lines. Contact your ATI Customer Service Representative about substrate selection specific to your project.



#### THE FORMULA CROSSHATCH SILVER





#### Features

	Lightweight + Flexible
5	Impact Resistant
<b>***</b>	Abrasion Resistant
Ô	Chemical Resistant
X	Cut to Size
<b>6</b> 21/	Custom Capabilities
	Toll Coating Capabilities
♦	Pressure Sensitive Adhesive May be Added
	Exterior Options Available







## **Door Skins**

## Solutions for Resurfacing Damaged Doors

MirroFlex Door Skins are designed to apply over existing flat panel doors for a new, fresh look without the expense. With this environmentally friendly solution, you no longer have to throw away your old door. Millions of dollars are spent each year replacing old, worn-out doors. What if you could avoid the costs of new doors and skip the hassle of a time-consuming installation?

Doors within the healthcare and hospitality industries receive a lot of abuse. Tougher than your ordinary wood doors, MirroFlex Door Skins offer easy fabrication, scratch resistant properties, and an adhesive backing for a superior bond. With its outstanding durability, these skins provide a new look, as well as long-lasting protection against damage that normal wood cannot withstand.

An ideal solution for both commercial and residential spaces, MirroFlex Door Skins come in a variety of wood grain finishes to match any new or existing interior design. You're guaranteed to create a warm and inviting entryway. No matter what you have in mind, MirroFlex Door Skins can give doors a much needed face lift, while saving you time and money.

## Door Skin Finishes



Noce Secchia

N601



Concrete Groovz N626



Portuna

N604



Dark Walnut

N578





Medium Walnut N577



### Before

"It's faster, and more cost efficient than replacing or repairing an existing door."

- John Leandro Hermitage Retirement Center

### Features

	Stock Collection
\$	Adhesive Backing
	Easy Adhesion + Fabrication
5	High Impact Finish
Ô	Chemical Resistant
۵	Can Be Fire Rated (If Installed with Fire Rated Adhesive on Fire Rated Door)
X	Cut to Fit Most Common Door Sizes
s	Custom Printing Also Available



### After ATI Door Skin



## Custom Tooling

## Elevate Your Brand

With ATI's new MirroFlex Custom Tooling program, designs are limited only by your imagination.

Our Custom Tooling program creates branded solutions that allow customers to incorporate one-of-a-kind designs and logos into the material. This yields a functional, durable and affordable branded surface for walls and ceilings. It's a tried and tested product that holds up even under the most strenuous use. Several finishes are available with TuffCote, which makes the product three times more scratch resistant.

ATI has designed Custom Tooling solutions for companies across the nation, from national restaurants and fitness centers to regional boutiques and retail stores. Work with an ATI sales associate to discuss your vision and have a custom tool created for your next project.

#### 4 Easy Steps To Build Your Custom Tool:

- 1. Consultation + Tech Review
- 2. Design
- 3. Sampling
- 4. Production

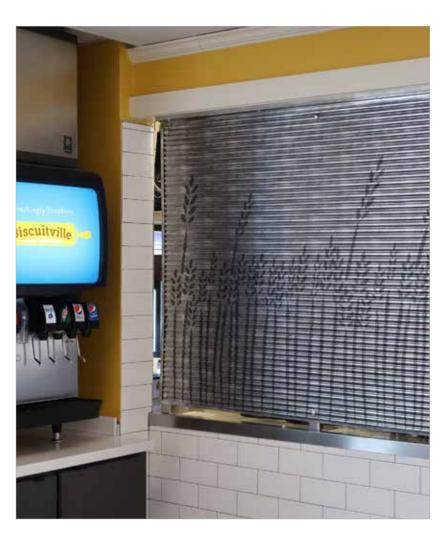


## Take Your Vision to a Whole New Dimension

Architectural and interior design are benefiting from multilayer imaging in such applications as dimensional wall panels seen most frequently in corporate buildings and retail locations.

Consider combining a stock or custom MirroFlex pattern with digital printing to double the impact in the same amount of space. ATI can add spot color and even print company logos as a unique application. You'll also be able to take advantage of the flexibility of MirroFlex with durable ink application which can accommodate bending and folding expected with certain applications. ATI can even create custom finishes in smaller quantities.

ATI's dimensional production and print capabilities are engineered to satisfy and delight the most creative and discerning clients.





THE FORMULA AUDREY + GLOSS WHITE (PAINTABLE) WITH CUSTOM LOGO (PICTURED RIGHT)

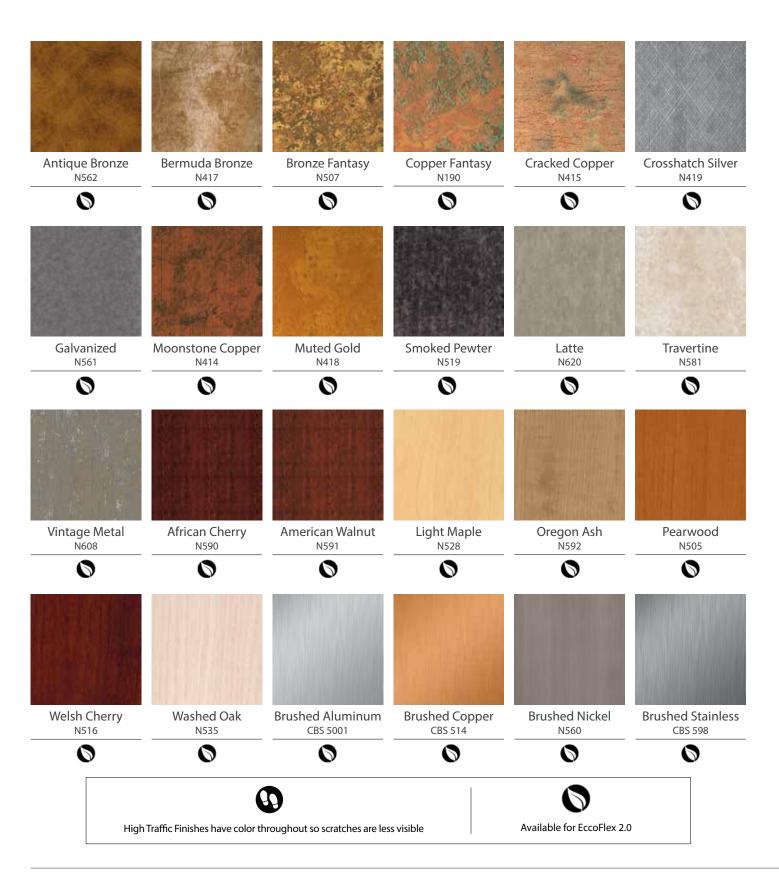
## MirroFlex Ink'D



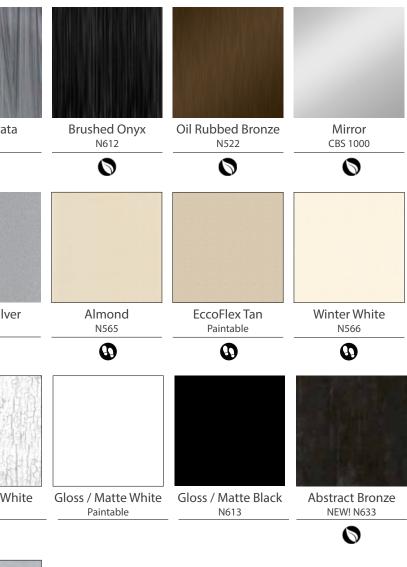
THE FORMULA CUSTOM ART PRINTED ON RIB 2 + CROSSHATCH SILVER (PICTURED LEFT)



## **MirroFlex Finishes**



Steel Strata Diamond Brushed Bronze Strata N609 N611 N610 N612 0 0 0 0 Mirror Gold Argent Bronze Argent Silver CBS 2000 N530 N439 N565 0 0 0 0 Linen Beige Linen Chocolate Distressed White N593 N594 N617 0 0 Abstract Copper Abstract Silver **Cashmere Melody** NEW! N632 NEW! N634 NEW! N631 0 0 0 EccoFlex Tan is made from 40% pre-consumer All finishes are available for MirroFlex recycled content; material and can Structures, Ceilings, and Flat Sheets. contribute to LEED credits.





Matte topcoat available as special order for select finishes. Please contact ATI Customer Service for more details about your specific needs.

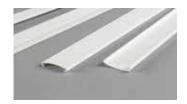


## **MirroFlex** Accessories

### GridMax<sup>™</sup>

GridMax is a patented, snap-on grid cover designed to make ceiling grid systems invisible. It is cost effective and doesn't rust or scratch. GridMax is sized to fit over 15/16" T-bar suspension grid systems. GridMax profiles are available for many finishes. Please contact ATI Customer Service for more details about your specific needs.

Mains, tees, and moldings are necessary to cover the entire grid system. They are packaged together, to complete 100 square feet of ceiling, and sold separately to use as needed. See our finishes page for GridMax colors.



15/16" (24 mm) GridMax in Paintable



Applying GridMax Over T-bar Suspension Grid System



GridMax in Moonstone Copper

Existing Metal Grid

GridMax 4' Main

GridMax 4 Tee

GridMax Wall Molding Caps

### MirroFlex Trim

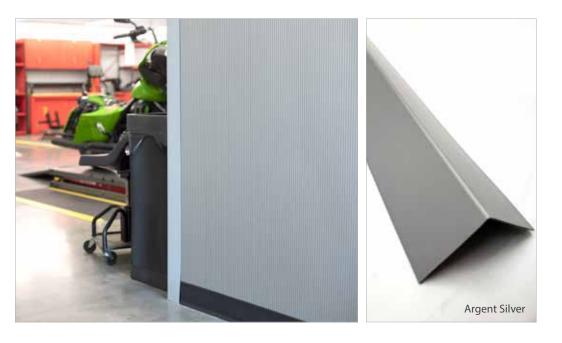
MirroFlex Trim is available to join and finish MirroFlex Structures. Edge J-Trim, Divider Trim, Inside Corners and Outside Corners are available in 8' lengths and can be easily cut to size. Trim profiles are available for many finishes. Please contact ATI Customer Service for more details about your specific needs.

The Edge J-Trim simply slides onto the cut edge of the panel. Most installations use decorative wood or metal moldings, but if these elements are not used, MirroFlex Trim will finish the edges nicely.

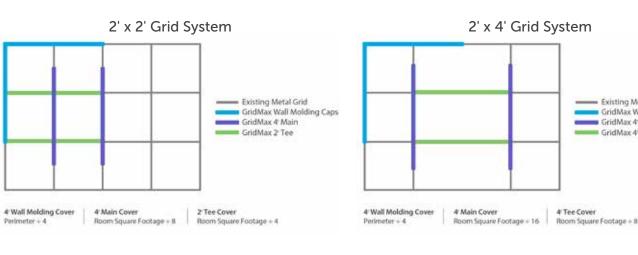


### MirroFlex Corner Guard

MirroFlex 3" Corner Guard is designed to protect corners and offer a decorative finish to applications in high traffic areas. Available in Argent Bronze and Argent Silver, these corner guards are flexible, durable, easy to install over MirroFlex Wall Panels, and can be easily cut to size.



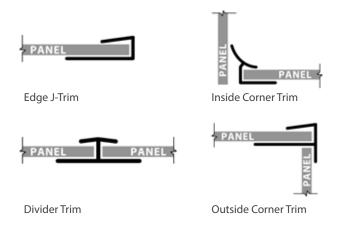
#### It's simple; measure the perimeter and calculate the square footage.



### Hold-Down Clip System for Ceilings

We also offer an easy-to-install, hold-down clip system to help support lay-in ceiling tiles. This clip system attaches to the top of any existing grid to hold (low or high profile) lay-in ceiling tiles in place, preventing the tiles from flipping out of place from air leaks and creating a smooth visual.







Corner Guard 3"



## **Fabrication & Installation**

### BIO (Built-In-Overlap)

Our BIO has flat edges on two adjoining sides of the ATI MirroFlex Wall panel. By orienting all sheets in the same direction and overlapping the panels, the seams are less noticeable. The placement of the sheet is also more flexible so that slight imperfections in the substrate will not affect the finished look.

When overlapping four ATI MirroFlex Wall panels, it is necessary to cut a 1/2" notch in panels 2 and 3 to avoid a bulge where the panels meet.



### Bead + Button

Certain MirroFlex patterns that do not have a BIO may have a Bead + Button feature. To install, overlap two or more sheets or tiles on the Bead + Button perimeter which will join at the pre-determined connection points.





### Cleaning + Care

Clean only with warm, soapy water. Never use abrasive cleaners or anything with harsh chemicals. A high quality auto polish may be used to help protect the finish.

### Storage

Store flat and acclimatize in the same environment for at least 24 hours before fabrication.

### Pattern Orientation

In the 2' x 2' Glue Up size of Mojave, Sahara and Wavation, you can get a "checkerboard effect" by alternating between V (vertical) and H (horizontal) panels. When specifying for this application, please add a "V" or an "H" to any of these designs. Shown to the right are 2' x 2' examples, which also show our BIO feature. Sahara and Wavation 4' x 8' sheets are also available in both the vertical and horizontal orientation.

### Inside + Outside Corners

Inside and outside corners can be a challenge for installers. In addition to our trim strips (shown on page 47), installers have successfully used a commercial heat gun to gently heat the proper areas and bend ATI MirroFlex Wall for great looking edges.

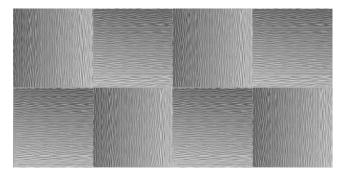


### Adhesives

Many different adhesive and application techniques can be used to apply MirroFlex products. Trowel on latex adhesives are recommended for adhering MirroFlex sheets to a wall. Brush-on or roller-on types, non-flammable, and water based contact adhesives (which are suitable for PVC) can also work well with MirroFlex. ATI also offers a spray-on adhesive that can ship with sheet orders.

The following is meant as a guide line for adhesives that have been tested, and work well with MirroFlex products:

- Titebond Advanced Polymer
- Titebond Fast Grab FRP



• Spray-Lock FRP spray-on (ATI stocks and sells this adhesive and can ship with orders)



## Tech, Terms, & FAQs

Since ATI products are used for many different applications, MasterFormat (CSI) numbering will vary. See the inside cover for MirroFlex MasterFormat (CSI) numbering.

### Useful Terms

#### **BIO (Built-In-Overlap)**

Overlap system that hides seams and makes installation easy, fast, and forgiving.

#### Bead + Button

Certain MirroFlex patterns that do not have a BIO may have a Bead + Button feature. The Bead + Button overlaps two or more sheets or tiles on the bead and button perimeter which will join at the pre-determined connection points.

#### EccoFlex

Made from 40% pre-consumer recycled content material and contribute to LEED credits. See page 7.

#### EccoFlex 2.0

A PVC-free option that is recyclable and allows you to enjoy all of the same benefits of MirroFlex. See page 7.

#### GridMax

A patented, snap-on grid cover designed to make grid systems invisible. See page 46.

#### Tegular

The tile has 4 flat edges to allow the tile to fit nicely into the grid system. Tegular tiles are designed to fit most 15/16" and 9/16" 2' x 2' grid systems, and can be found in our Lay-In ceiling tiles.

#### Check ATILaminates.com for updated technical information and installation videos for MirroFlex products.

### Panels, Tiles, and Sheets

#### Wall Panels

Available in both 4' x 8' and 4' x 10' tiles, MirroFlex Structures deeply textured wall panels are designed with an overlap (see BIO) or Bead + Button system to make installation easy, fast, and forgiving.

#### **Glue-Up Ceiling Tiles**

Available in both 2' x 2' and 2' x 4' tiles, they are designed with an overlap (see BIO) or Bead + Button system to make installation easy, fast, and forgiving. Glue-Up tiles can be used on ceilings and walls.

#### Lay-In Ceiling Tiles

Available in both 2' x 2' and 2' x 4' sizes, Lay-In ceiling tiles are designed to lay inside 15/16" grid systems. Some 2' x 2' and 2' x 4' sizes might produce sag and require a small amount of panel adhesive in the center to adhere to an existing mineral fiber tile.

#### **Acoustic/Perforated Ceiling Tiles**

Available in 2' x 2' size, Decorative Acoustic ceiling tiles are perforated to increase sound absorption and offer acoustic qualities.

#### **MirroFlex Lite Ceiling Tiles**

Ultra-thin, cost-effective 2' x 2' Lay-In tiles that are .013" thick. Some finishes are available as a Drop-Out Ceiling Tile, designed to fall out of 15/16" grid systems when exposed to heat from a developing fire.

## Frequently Asked Questions

Can I customize MirroFlex with my own design or a custom color? Yes. Due to the manufacturing processes, there is a minimum requirement for a custom design or color. We will be glad to discuss the requirements with you and see if this solution is feasible for your project.

#### Do the seams show in MirroFlex panels and Glue-Up ceiling tiles when you put them side by side?

MirroFlex panels and Glue-Up ceiling tiles with the BIO (Built In Overlap) feature are designed to minimize the appearance of seams and makes installation easy and forgiving.

#### How do you cut MirroFlex?

MirroFlex can be easily cut using normal household scissors or a utility knife. Remember to measure and mark a straight line before you make your cut. If using a utility knife, score the sheet on the front/decorative side and then break the product as opposed to cutting all the way through.

#### What is "cut-to-size"?

When ATI cuts the product to fit your size specifications. There is a charge for cut-to-size orders, and certain tolerances apply.

#### How does MirroFlex ship?

ATI makes every effort to ship in the most efficient way. We have partnered with packaging engineers and specialists to develop special cartons, skids, and crates for shipping.

What is the heat resistance of MirroFlex? Can I use it in my kitchen? Never expose MirroFlex products to heat in excess of 140° F. It can be used in kitchens, but refrain from installing it behind a drop-in cooktop, as it may deform when exposed to heat. MirroFlex should not be exposed to long periods of excessive heat.

#### What types of substrates can MirroFlex be applied to?

With the proper adhesive, virtually any substrate will work.

#### How do you determine fire, impact, and stain resistance? ATI employs third-party testing facilities to independently verify MirroFlex's technical attributes.



Visit our YouTube channel to learn more about ATI products. YouTube.com/MirroFlex

### Contact ATI Laminates



800.849.1320



Text Us at 336.389.8273

sales@advtechnology.com



ATILaminates.com/MirroFlex Live Chat Feature also Available!

### **Technical Information**



Fire Retardant Test: ASTM E-84 Results: Class A



Solvent Resistance Results: 50 MEK



🛇 MEK Double Rubs/Crockmeter Results: Withstands 70 cycles



Impact Resistance Test: ASTM D5420 Results: >2" lbs per mill of thickness



#### Abrasion Resistance

Test: Taber Results Patina w/ TuffCote: 4,700\* Argent Finishes: 5.000\* EccoFlex Finishes: 1,000\*



### Humidity

Test: 12 hours 96-100% RH @ 40° C on MDF



Mold Testing Test: ASTM G21 Results: <1% of Growth



Noise Reduction Coefficient Test: ASTM C423 + SAE J2883

\*Check our websites for up-to-date testing data



## **Quick Reference Guide**

### Ceilings: 2' x 2' Lay-In Patterns

Pattern	Tegular	Notes
Americana	•	А
Art Deco		A, D
Baltimore		А
Boston		А
Celestial	٠	А
Celtic Weave	•	А
Charleston		А
Chesapeake	•	А
Chevron		A, D, 1
Colonial	•	A, D
Corrugated		A, D
Curvation	•	А
Diamond Plate	٠	А
Dogwood	•	А
Expanded Bead Board	•	A, 1
Fleur		А
Flux	•	A, D, 1
Fulton	٠	A, D
Georgian	٠	A, D
Hurricane	•	А
Inset Coffer	•	А

Pattern	Tegular	Notes
Lotus	•	A, 1
Madison		A, D
Metal Plates	•	А
Mojave	•	A, 1
Portrait		A, D
Raised Panel Coffer	•	A, D
Regalia		А
Rosette		A, D
Sahara	•	A, D, 1
San Diego		А
Savannah		А
Sculpted Petals	•	
South Beach	•	A, D
Star	•	А
Storm	•	А
Strike		А
Tidal	٠	А
Tranquil	•	A, D
Wavation	٠	A, D, 1
Zest	•	A, D

### **Ceilings:** 2' x 2' Glue-Up Patterns

Pattern	BIO	Notes	Pattern	BIO	Notes	Pattern	BIO	Notes
Americana	•		Curavation	•		Savannah	•	
Baltimore	•		Dogwood	•		South Beach	•	
Boston	•		Georgian	•		Star	•	
Celestial	•		Hurricane	•		Storm	•	
Celtic Weave	•		Mojave	•		Strike	•	
Chesapeake	•		Sahara	•	1	Wavation	•	1
Colonial	•							

### Ceilings: 2' x 4' Glue-Up and Lay-In Patterns

Pattern	BIO	Notes	Pattern	BIO	Notes	Pattern	BIO	Notes
Art Deco	••		Dogwood	•		Rosette	••	
Baltimore	••		Fleur	••		San Diego	••	
Boston	••		Madison	••		Savannah	••	
Charleston	••		Portrait	••		Strike	••	
Diamond Plate	•		Regalia	• •		Wavation	•	

### Wall Panels: 4' x 8' and 4' x 10' Patterns

Pattern	4' x 8'	4' x 10'	BIO	Notes
Alphabet Soup			٠	
Ariel			•	
Audrey	Ø		•	
Bamboo			•	
Bead Board			•	
Bee Hive			•	
Boston	Ø		••	
Bowtie	Ø		•	
Brick		Ø	•	
Cascade			•	
Cayman	<b>Ø</b>		•	
Celestial	Ø		•	
Celtic Weave	Ø		•	
Charleston	Ø	Ŏ	••	
Chocolate Squares	Ø	<b>Ø</b>	•	
Curvation	Ŏ	Ŏ		
Curves	<b>O</b>	<b>O</b>		
Damask	<b>Š</b>		•	
Diamond Plate	<b>O</b>			
Dogwood			•	
Dogwood Dome 1			•	
Dome 2				
Dome 3				
Fluted				
Glacier			•	
Gobi			•	
Gobi Vertical	Ø	0	•	_
Herringbone	Ø		•	
Inferno	Ø	0	•	
Interlink			•	
Japanese Weave	() ()		•	
Kalahari			•	
Kelp			•	
Marquis	Ø			
Metal Plates			•	
Mini Dome	Ø			
Mini Quadro			•	
Mojave			•	
Mojave Vertical			•	
Morocco			•	
Nettle			•	
Quadro			•	
Quilted			•	
Random Lines			•	2
Rib 1			•	
Rib 2			•	

Pattern	4' x 8'	4' x 10'	BIO	Notes
Ridges		Ø	•	
Safari			•	
Sahara			•	
Sahara Vertical			•	
Savannah			••	
Sculpted Petals			•	
Shallot			•	
South Beach			•	
Square 5			•	
Strike			•	
Subway Tile			•	
Subway Tile Vertical			•	
Tetrus			•	
Versa-Tile			•	
Vista			•	
Wavation	Ø	Ø	•	
Wavation Vertical			•	
Weave			•	
Weave Vertical	Ø		•	

Кеу	
	For wall panel designs; available in size
•	BIO (Built-In-Overlap)
••	Bead + Button Style
A	Available in Acoustic/Perforated. Some patterns with this feature may be slightly less defined
D	Available as MirroFlex Lite and Drop-Out Ceiling Tiles
1	Create a unique ceiling design by alternating each tile's orientation
2	Special instructions required; call Customer Service at 800.849.1320
	Items shown as concept in catalog



#### How to Order Client Satisfaction & Quality

Laminate should be MirroFlex Structures (can also be MirroFlex) brand produced by

Most orders are acknowledged within 24 hours. In-stock orders generally ship within 2 business days after acknowledgement is sent. Expect lead times for ATI's made-toorder products to be 15 business days (3 weeks) from when order is received, until it

Due to ATI's fast lead times and low minimum quantities, consider most made-toorder items as non-returnable. Samples available upon request.

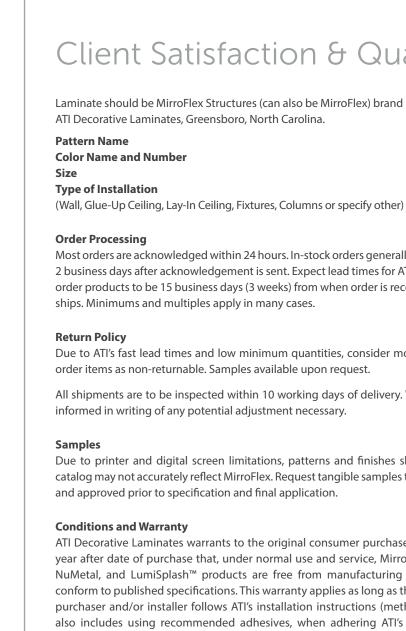
All shipments are to be inspected within 10 working days of delivery. We are to be

Due to printer and digital screen limitations, patterns and finishes shown in this catalog may not accurately reflect MirroFlex. Request tangible samples to be verified

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<sup>™</sup> 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.

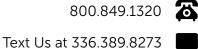
ATI Decorative Laminates believes all information contained herein to be correct. It is the responsibility of the fabricator/customer to completely test the adhesives and methods of fabrication to ensure that the results are satisfactory. The seller's only obligation will be to replace product on a one-to-one 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.





### **Contact ATI Laminates**



sales@advtechnology.com

ATILaminates.com/MirroFlex Live Chat Feature also Available!







### Design Beyond the Surface ATILaminates.com/MirroFlex

800.849.1320

051.504\_2.24