



## **Design Beyond the Surface**

ATI products can be specified under the following CSI divisions:

- 095000 MirroFlex Ceilings
- 095100 MirroFlex Decorative Acoustic Ceilings
- 095400 MirroFlex Ceilings, Luminous Ceilings, and Light Diffusers

#### **ATI Decorative Laminates**

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

ISO 9001: 2008 and ISO 14001 Certified | HUB (Historically Underutilized Business) Certified



# 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 three 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.

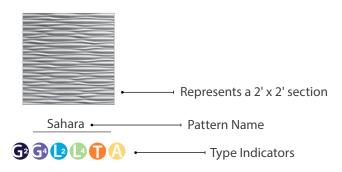
Acoustic/Perforated: 2' x 2' Lay-In tiles, perforated to increase sound absorption and offer acoustic qualities as well as all other 2' x 2' Lay-In tile features.

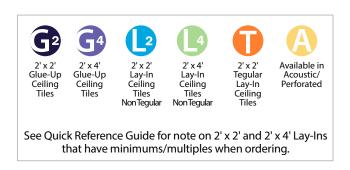


# The Formula for Success Begins Here

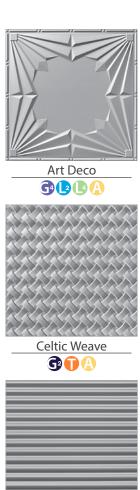
# Strikingly Beautiful, **Deeply Textured** + Durable

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.









Corrugated

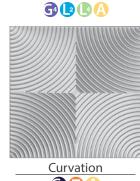
Dogwood

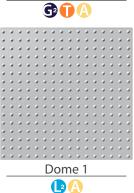
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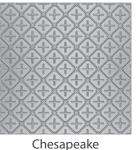




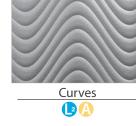


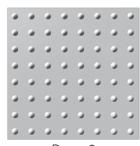






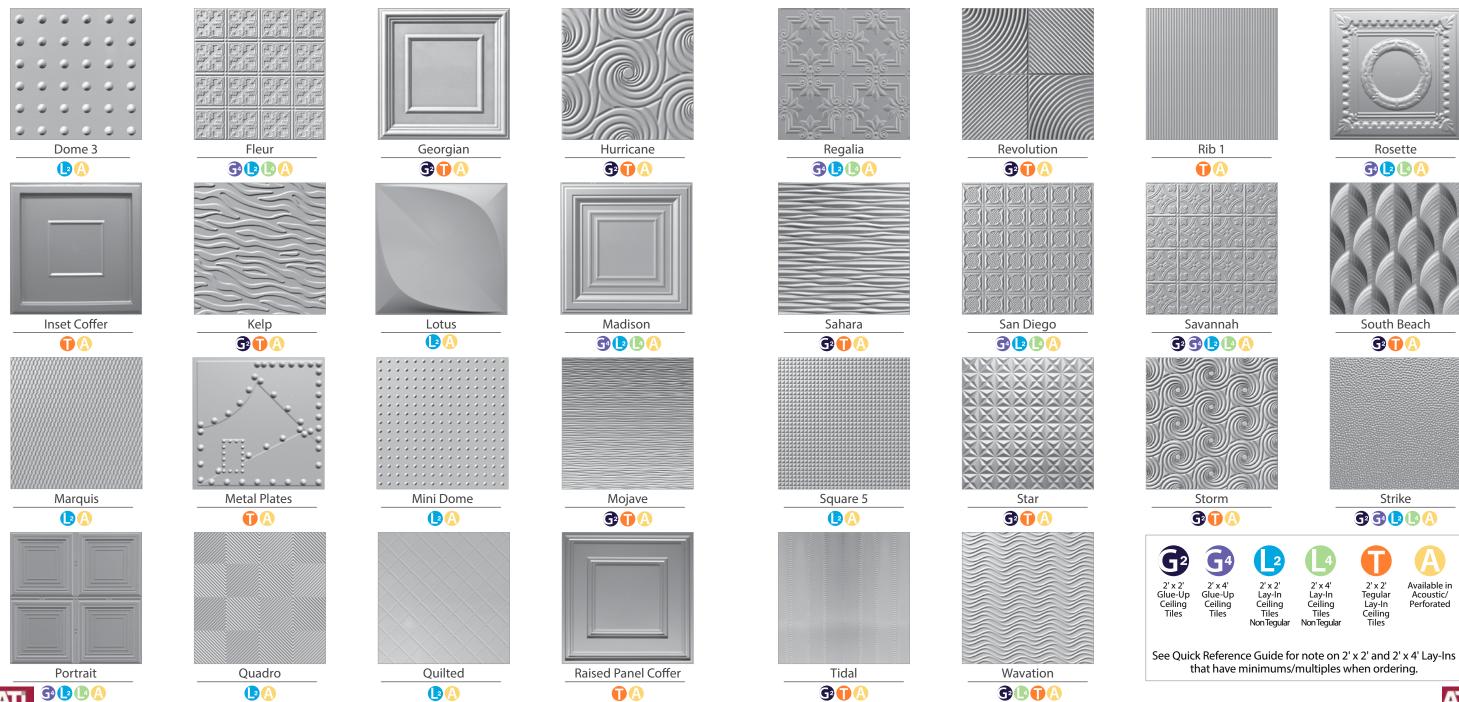
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Dome 2





# Decorative Acoustic Ceiling Tiles

## Features

Over 40 Design Options Available

Lightweight + Easy to Install

Compatible with 15/16" Grid Systems

Fire Retardant

Borders also Available

Compatible with Most Acoustic Backers

ASTM C423 + SAE J2883 Tested for Noise Reduction

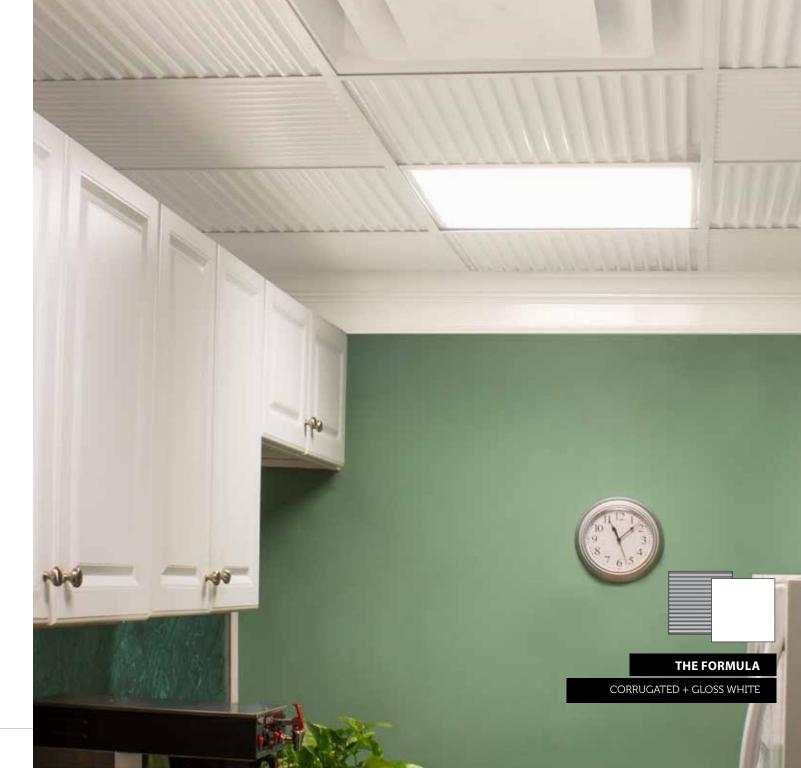
# Increase Style, Reduce Noise

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.

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, 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.

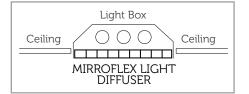
We also offer an easy-to-install, hold-down clip system to help support Lay-In ceiling tiles. This clip system attaches to the top of any existing grid to hold (low or high profile) Lay-In ceiling tiles in place, preventing the tiles from flipping out of place from air leaks and creating a smooth visual.







# Light Diffusers



#### Features

4 Patterns Available in 2' x 4'

30% More Pleasing Light **\array** 

Compatible with Light Boxes in 15/16" Grid Systems □□

Easy Installation

Fire Retardant

Wavation and Interlink can be Cut to Size

Available with Tegular Edges 

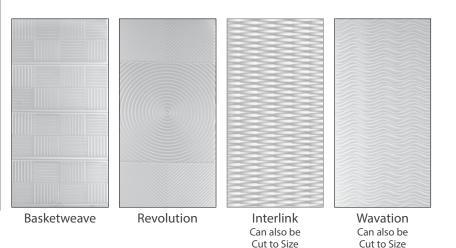
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# Evenly Dispersed Illumination

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'  $\times$  2' (Wavation pattern only) and 2'  $\times$  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.



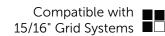


# MirroFlex Lite Ceiling Tiles

## Features

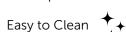
Over 10 Design Options
Available in Over 15 Finishes











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 Lay-In 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 costeffective than our traditional MirroFlex line.

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 Structures
- Thinner and easier to cut and fabricate
- Our most cost-effective solution for ceilings

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

Some of our MirroFlex Lite finishes are available as a Drop-Out Ceiling Tile, and are 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



Bermuda Bronze N417



N419



N561

CBS 514

Moonstone Copper N414



Muted Gold N418







Vintage Metal N608

Mirror Gold

CBS 2000



**Brushed Copper Brushed Aluminum** CBS 5001

N439



**Brushed Nickel** N560



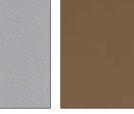
**Brushed Stainless CBS 598** 



Mirror **CBS 1000** 



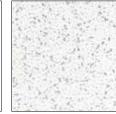
Argent Silver



**Argent Bronze** N530



Gloss / Matte White Paintable



Faux Mineral Fiber



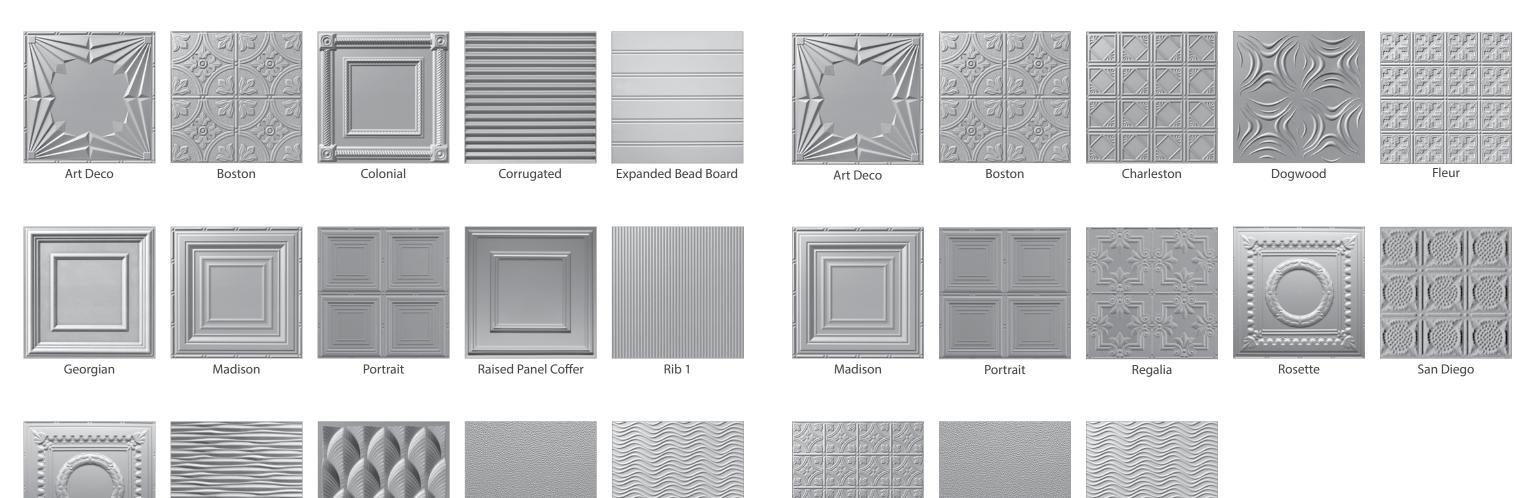
# 2 x 2 Lite Lay-in Ceiling Tile Patterns ————

Sahara

South Beach

Strike

# 2 x 4 Lite Glue-up Ceiling Tile Patterns



Savannah

Strike

Wavation

Wavation



The second rive

Rosette

# Faux Mineral Fiber Ceiling Tiles

# Features

Easy to Clean +

Lightweight + Easy to Install

Compatible with 15/16" ■■ Grid Systems

Fire Retardant

High Impact + Abrasion-Resistant **Properties** 

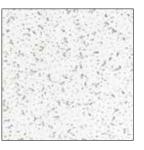
Water Resistant

ASTM G21 Tested (Fungal Growth)

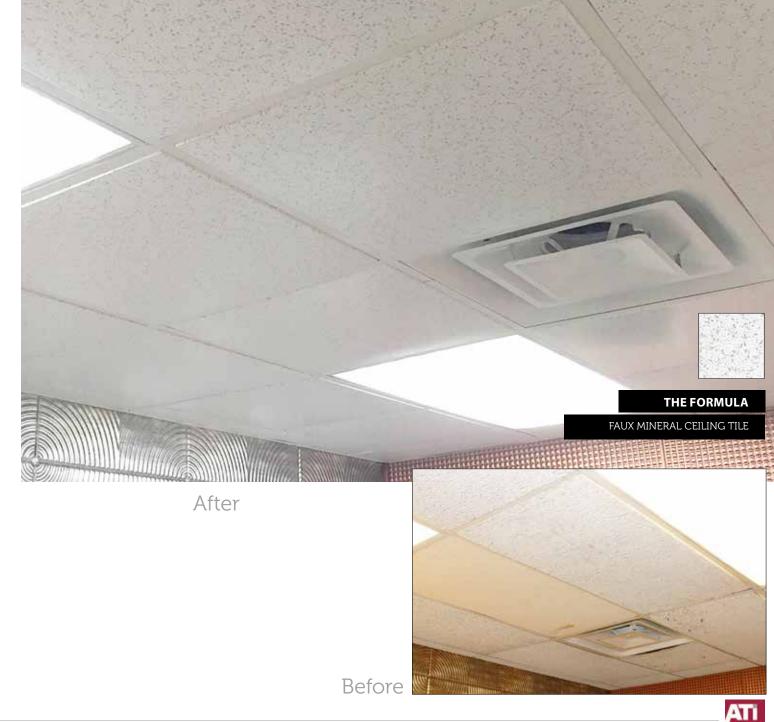
# Prevent Dirty, Water-Stained Ceilings With a Lasting Solution

MirroFlex Faux Mineral Ceiling Tiles offer customers the ability to replace their standard mineral fiber ceilings with a long-lasting solution that prevents dirty, water-stained ceilings. Our faux mineral fiber ceiling tiles are waterproof thermoplastic ceiling tiles that provide flexibility and durability. MirroFlex ceiling tiles also have a smooth surface and are made from PVC; making them washable and wipeable to meet most health department requirements.

Available in 2'x 2' size for Lay-In ceiling applications, this revolutionary tile is flat with tegular/revealed edges which allows the panel to drop below the grid providing unique architectural dimension.



Faux Mineral Fiber





Case Study:

Jackpot Joanie's Las Vegas, Nevada

**ATI MirroFlex Ceiling Tiles**Corrugated in Crosshatch Silver

**Designer/Builder:** Complex Builders

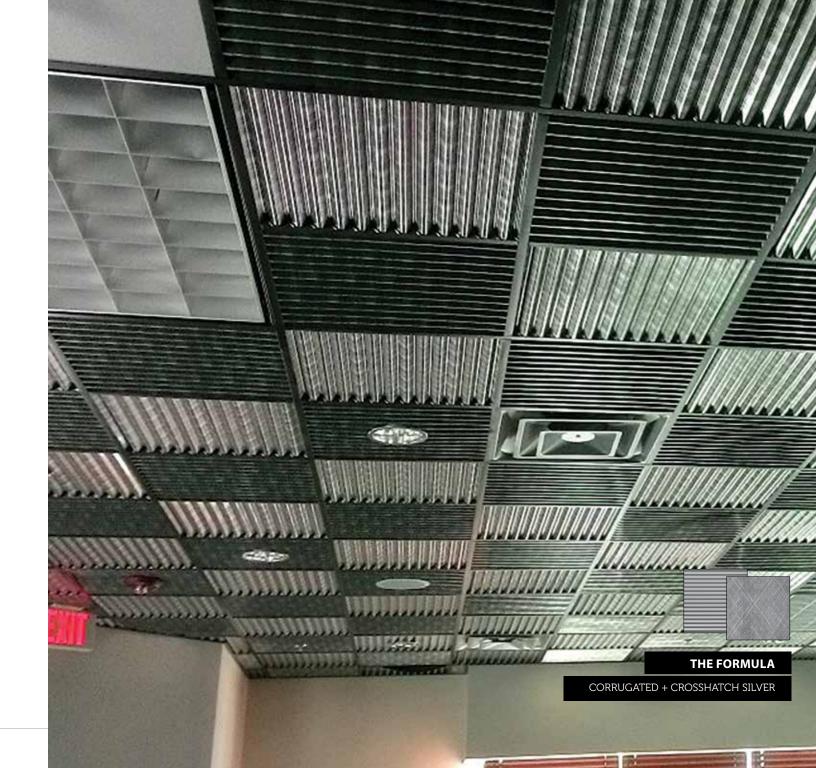
**Installation Year:** 2014

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.

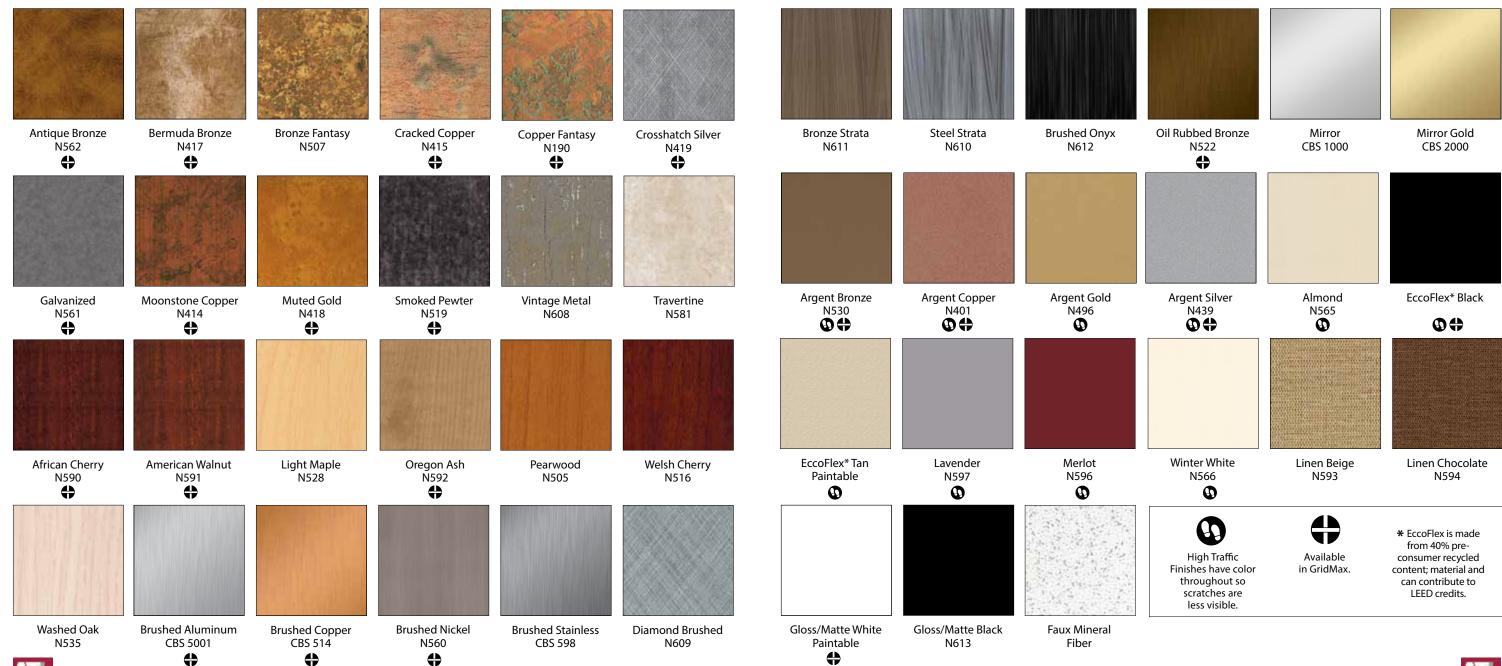
The design team wanted to incorporate the look of a corrugated metal ceiling without the installation challenges that a rigid material presents. So ATI studied the intricate details of corrugated metal – depth, dimensions, textures, and colors — and created a new custom mold that mimicked the original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



# MirroFlex Finishes



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**+** 

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# Accessories

## GridMax™

#### GridMax is a patented, snap-on grid cover designed to make grid systems invisible. It is cost effective and does not rust or scratch. GridMax is sized to fit over 15/16" T-bar suspension grid systems.

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 available GridMax colors.



15/16" (24 mm) GridMax in Paintable

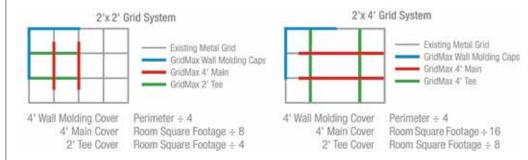


Applying Gridmax over T-bar suspension grid system



Gridmax in Moonstone Copper

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



# Clips



ATI offers 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 Lay-In ceiling tiles (low or high profile) in place, preventing the tiles from flipping out of place from air leaks and creating a smooth visual. The clip system is only necessary if there are no existing tiles in place to support new MirroFlex Lay-In tiles.

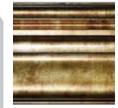
# Accessories

# Crown Moldings

MirroFlex Crown Molding is a perfect transition from wall to ceiling and can be used with or without MirroFlex Ceiling Tiles. Crown Moldings are made from finger-jointed poplar and are 8' (2440mm) in length (UPS shippable).

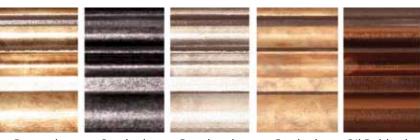


Baroque Crown Molding in Crosshatch Silver (6" x 15/16") (152 mm x 24 mm)



Classic Crown Molding in Bermuda Bronze (6" x 13/16") (152 mm x 21 mm)

#### Available in 9 finishes shown below that match MirroFlex finishes.



Bermuda Bronze

Smoked Pewter

Crosshatch Silver

Cracked Copper

Oil Rubbed Bronze

The Labor La

Moonstone Copper

Muted Gold

Brushed

Copper

Copper

Fantasy





# Installation

BIO

Our BIO (Built-In-Overlap) has flat edges on two adjoining sides of the ATI MirroFlex Ceiling Tile. 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.



Bead + Button

Certain MirroFlex Ceiling Tile patterns that do not have a BIO may have a Bead + Button feature. To install, overlap two or more ceiling tiles on the Bead + Button perimeter which will allow the edges to nest into each other.





# Fabrication

Glue-Up

Many different adhesives and application techniques can be used to apply MirroFlex products. Please see ATI's technical information on our website or call Customer Service.

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.

Lay-In

Lay-In ceiling tiles are available in both 2' x 2' scant tiles and 2' x 4' tiles, they are designed to fit most 15/16" grid systems. The 2' x 2' size produces no sag. It is recommended that a standard mineral tile (old or new) be used on top of our Lay-In tiles to hold them in place. The 2' x 4' size might produce sag and require a small amount of panel adhesive.







# Tech Info

## Testing

Since ATI products are used for many different applications, MasterFormat (CSI) numbering will vary. We can provide guidance, if needed. Please call ATI Customer Service for more information. Visit www.ATILaminates.com for updated technical information and installation videos for MirroFlex products.

#### **Fire Retardant**

Test: ASTM E-84 Results: Class A

#### Fungi

Test: ASTM 621

#### **Solvent Resistance**

Results: 50 MFK

#### Humidity

Results: 12 hrs 96-100% RH @ 40°C on MDF

#### **Noise Reduction Coefficient**

Test: ASTM C423 + SAE J2883

#### **MEK Double Rubs/Crockmeter**

Results: withstands 70 cycles

#### **Impact Resistance**

Test: ASTM D5420 Results: >2" lbs per mil of thickness

#### **Abrasion Resistance**

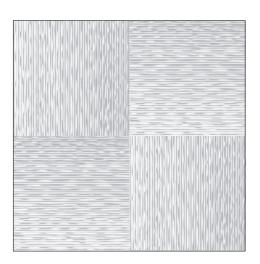
Test: TABER | Results:

Patina w/TuffCote - 4,700\* Argent Finishes - 5,000\* EccoFlex Finishes - 1,000\*

\* Check our website for up-to-date testing data.

# Pattern Orientation

In the 2' x 2' Glue-Up ceiling tiles 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.



# FAQs

# Frequently Asked Questions







#### How many designs and finishes are available for MirroFlex Ceiling Tiles?

There are currently 48 patterns and 45 finishes. We add new items often, so check our website for the latest MirroFlex Ceiling Tile updates.

#### Can I customize MirroFlex Ceiling Tiles 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 the MirroFlex Glue-Up tiles when you put them side by side?

MirroFlex Glue-Up 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 Ceiling Tiles?**

MirroFlex ceiling tiles 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.

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

Most substrates will work, however surfaces need to be smooth and dry.

#### How do you determine fire, impact, and stain resistance?

ATI employs third-party testing facilities to independently verify MirroFlex's technical attributes.





## Quick Reference Guide

#### 2' X 2' GLUE-UP PATTERNS

L V L ALOF		110
PATTERN	TEGULAR	COMMENTS
AMERICANA	•	
BALTIMORE	•	
BOSTON	•	
CELESTIAL	•	
CELTIC WEAVE	•	
CHESAPEAKE	•	
COLONIAL	•	
CURVATION	•	
DOGWOOD	•	
GEORGIAN	•	
HURRICANE	•	
KELP	•	
MOJAVE	•	3
REVOLUTION	•	1
SAHARA	•	3
SAVANNAH	•	
SOUTH BEACH	•	
STAR	•	
STORM	•	
STRIKE	•	
TIDAL	•	
WAVATION	•	3

#### 2' Y A' CILIE-LID & I AV-INI DATTEDNIC

2 A 4 GLUE-UP & LAI-IIN PAITERINS				
PATTERN	TEGULAR	COMMENTS		
ART DECO	• •			
BALTIMORE	••			
BOSTON	• •			
CHARLESTON	••			
DIAMOND PLATE	• •			
DOGWOOD	•			
FLEUR	• •			
MADISON	• •			
PORTRAIT	• •			
REGALIA	••			
ROSETTE	• •			
SAN DIEGO	• •			
SAVANNAH	• •			
STRIKE	• •			
WAVATION	•			

#### 2' X 2' LAY-IN PATTERNS

Z X Z LAI I	14 PALLEKINS	,
PATTERN	TEGULAR	COMMENTS
AMERICANA	•	
ART DECO		A, 4
BALTIMORE		A, 4
BOSTON		A, 🚚
CELESTIAL	•	Α
CELTIC WEAVE	•	A
CHARLESTON		A, 4, 🚚
CHESAPEAKE	•	A
COLONIAL	•	A
CORRUGATED	•	A
CURVATION	•	A
CURVES		A, 4
DIAMOND PLATE		A, 4
DOGWOOD	•	A
DOME 1		A, 4
DOME 2		A, 4
DOME 3		A, 4
FLEUR		A, 4
GEORGIAN	•	A
HURRICANE	•	A
INSET COFFER	•	A
KELP	•	A
LOTUS		A. 4
MADISON		A, 4
MARQUIS		A, 4
METAL PLATES		A, 1, 2
MINI DOME		A, 1, 2
MOJAVE	•	
		A, 3,
PORTRAIT		A
QUADRO		A, 4
QUILTED		A, 4
RAISED PANEL COFFER REGALIA	•	A
		A
REVOLUTION	•	A, 1
RIB 1		A
ROSETTE		A, 4
SAN DIEGO		A
SAHARA	•	A, 3
SAVANNAH		A, 4
SOUTH BEACH	•	A
SQUARE 5		A, 4
STAR	•	A
STORM	•	A
STRIKE		Α
TIDAL	•	A
WAVATION	•	A, 3

How to Order

Client Satisfaction and Quality For Your Dollar Are the Goals We Strive to Achieve











Reference should be MirroFlex brand produced by ATI Decorative Laminates, Greensboro, North Carolina.

### **Pattern Name Color Name and Number**

#### Type of Installation Glue-Up Ceiling or Lay-In Ceiling.

Since ATI products are used for many different applications, MasterFormat (CSI) numbering will vary. ATI can provide guidance, if needed.

Please call ATI Customer Service at 800.849.1320 for more information.

#### **Order Processing**

Most orders will be acknowledged within 24 hours. After customer receives acknowledgment, in-stock products should ship within 2 business days. Products in ATI's Ouick Ship Program have a production lead time of 5 business days. All other products have a standard production lead time of 10 business days. Minimums and multiples may apply. ATI's minimum order amount is \$25 USD.

#### **Return Policy**

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

All shipments are to be inspected within 10 working days of delivery. We are to be informed in writing of any potential adjustment necessary.

#### Samples

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 and approved prior to specification and final application.

#### **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<sup>™</sup>, 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.

Visit us online at ATILaminates.com/ MirroFlex for the latest additions to MirroFlex.

#### **Contact ATI Laminates**



ATILaminates.com/MirroFlex 800.849.1320 info@advtechnology.com

1 Special instructions required. Please call customer service.

2 Panels create a unique pattern when each panel is rotated and placed together.

3 You can get a "checkerboard effect" by alternating between V (Vertical) and H (Horizontal) panels.

4 Some minimums/multiples may apply.

• • Bead + Button style.

A Available in Acoustic/Perforated. Some patterns may be slightly less defined.

Quick Ship Program.



