



MirroFlex[®]

Deeply Textured
Decorative Laminates

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.

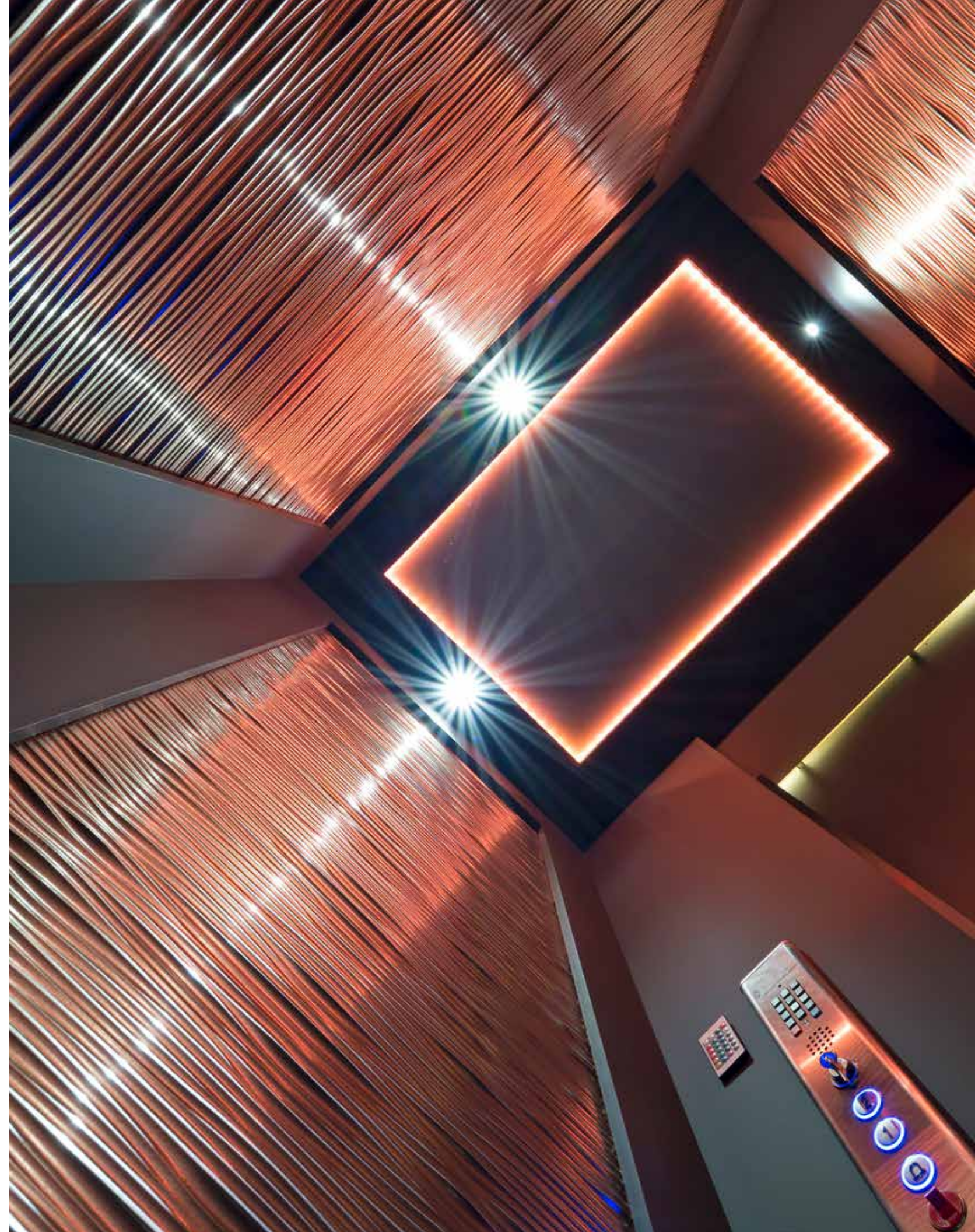
ATI products can be specified under the following CSI divisions:

- 06 64 00 – MirroFlex Structures and MAX Decorative Wall Panels
- 09 50 00 – MirroFlex Ceilings
- 09 51 00 – MirroFlex Decorative Acoustic Ceilings
- 09 54 00 – MirroFlex Ceilings and Light Diffusers
- 09 72 00 – MirroFlex Structures and MAX Decorative Wall Panels
- 10 21 00 – MirroFlex Tub and Shower Surrounds
- 10 26 00 – MirroFlex Door Skins

ATI Decorative Laminates

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





THE FORMULA
KALAHARI + GLOSS WHITE PAINTABLE

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Discover MirroFlex

ATI's MirroFlex Product Line empowers you to create stunning spaces effortlessly with MirroFlex Structures, Flat Sheets, and Accessories.

MirroFlex Structures are decorative, deeply textured thermoplastic panels ideal for walls, ceilings, furniture, and display fixtures. Offering a wide range of sizes and applications, these panels adapt seamlessly to contemporary and traditional designs alike. Featuring our unique Built-In Overlap (BIO) seam system, installation is streamlined with minimal visible seams, ensuring a polished and professional finish.

With hundreds of design and color combinations available through our custom program, the creative possibilities are endless. Use this catalog as a starting point for inspiration and connect with your ATI Representative for tailored guidance, technical advice, or to explore innovative solutions for your project.

Look for The Formula



Pattern



Finish



MirroFlex

THE FORMULA (pictured right)
AUDREY + BRUSHED NICKEL



Made in the USA

.25lb
per Square Foot



Flexible for
Easy Shipping



BIO (Built-In-Overlap)
for Easy Installation



THE FORMULA
AUDREY + BRUSHED NICKEL

Why Choose MirroFlex?

Features

- Lightweight + Flexible
- Easy to Install
- Impact Resistant
- Abrasion Resistant
- Chemical Resistant
- Stain Resistant
- Class A Fire Rated
- TuffCote™ Added to Some MirroFlex Finishes

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. : Most sheets can be rolled and boxed for courier shipments, although some need to ship LTL.

3. TuffCote™

TuffCote™, 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. Class A Fire Rated

MirroFlex meets ASTM E-84 Class A requirements. Even though it is Class A Fire Rated, 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 Class A Fire Rated 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

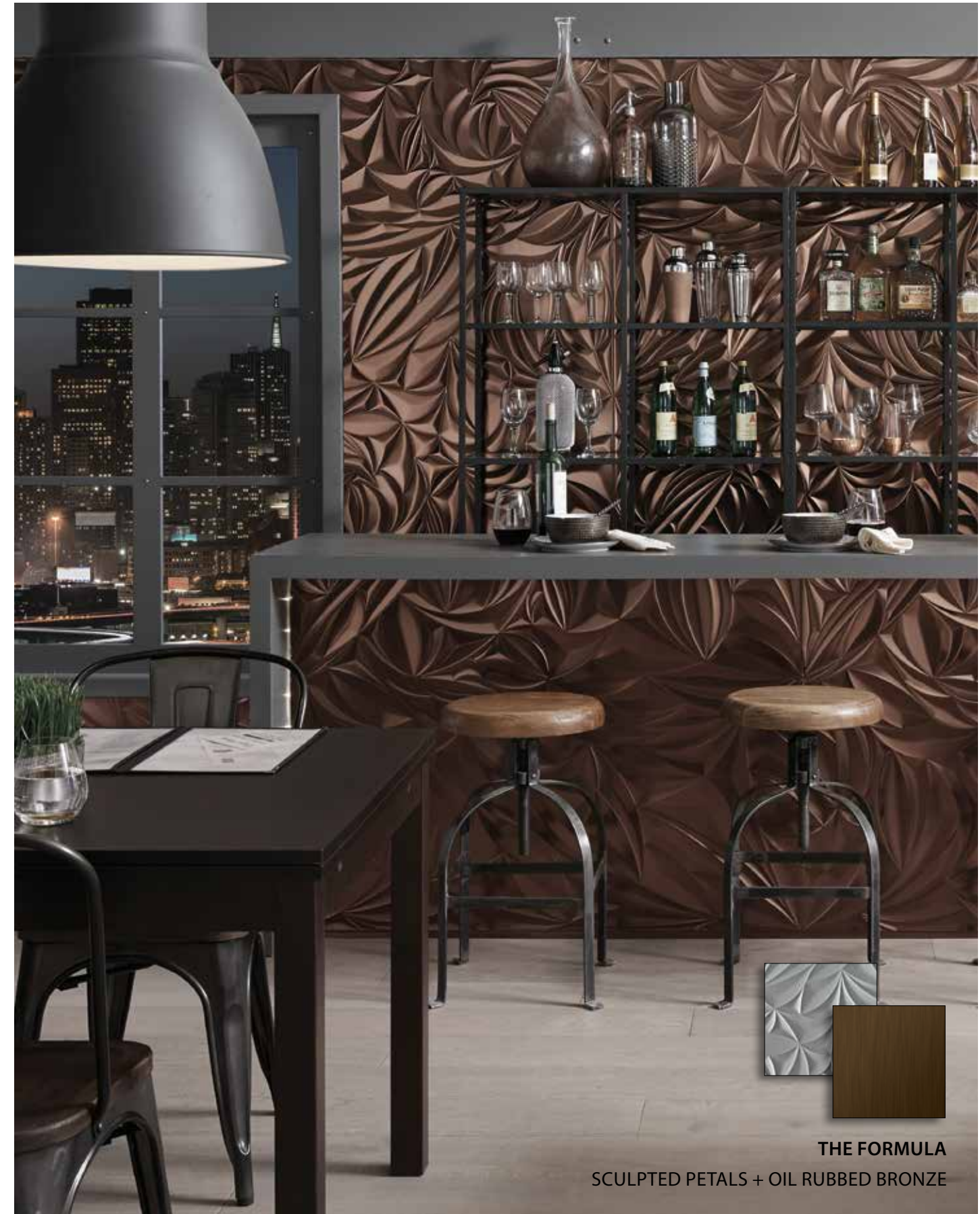
Certain MirroFlex finishes can be coated with a variety of paint types to match your desired finish. Custom colors are also available, minimums apply. See our technical information on our website or call your ATI Customer Service Representative for more information.

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.



THE FORMULA
SCULPTED PETALS + OIL RUBBED BRONZE

Our Green Commitment

A commitment to innovation & growth

Making a Mindful Choice

EccoFlex & EccoFlex 2.0



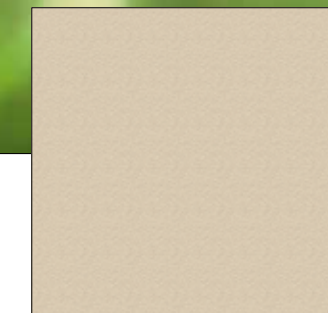
ISO 14001 Environmental Management System

Is your business making a positive impact on the environment? At ATI Decorative Laminates, we value sustainability and are committed to responsible practices that protect the planet. By reducing waste, minimizing risks, and supporting eco-friendly initiatives, we aim to create meaningful change—one innovative surface at a time.



An ISO 9001:2015 Certified Company

ATI Decorative Laminates is committed to continual improvement through a life-cycle approach to manufacturing and product design. By carefully selecting raw materials, optimizing yields, and implementing end-of-life management strategies, we meet today's demands while building a sustainable future.



EccoFlex Tan
Paintable

Our Manufacturing Initiatives

Exceeding Customer Expectations

Quality & Environmental Policy

ATI is dedicated to exceeding customer expectations through on-time delivery, accurate order processing, and continuous improvement. We prioritize pollution prevention, waste reduction, and compliance with environmental laws, regularly reviewing and enhancing our sustainability targets.

State-of-the-Art Facility & Renewable Energy Commitment

Located on 6.5 acres in Greensboro, North Carolina, our 70,000-square-foot facility reflects our dedication to advanced manufacturing and innovation. Since 2015, our Solar Manufacturing Offset Initiative has offset over 50% of energy consumption through renewable solar energy, significantly reducing our environmental footprint.

Sustainable Products

Most NuMetal High-Pressure Laminates (HPLs) are available for special order using 100% rapidly renewable, pre-consumer recycled materials. These phenol-free

laminates feature formaldehyde emissions of less than 0.01 PPM—among the lowest in the industry. The core material, made from 100% biological secondary components, is fully recyclable. Certified by Germany's EPH laboratory, our products meet CARB's stringent ATCM Phase 1 and 2 emission thresholds for HWPW, PB, and MD.

Circular Manufacturing Initiatives

We are pioneering "waste-to-profit" solutions, transforming manufacturing byproducts into raw materials for other products. Collaborating with supply chain partners, we reclaim materials used in final product assembly, reducing landfill waste and advancing sustainability across our value chain.

Commitment to Community and Workforce

ATI fosters a healthy work environment for employees and protects the communities we serve. Through responsible operations and continuous improvement, we strive to create a better, more sustainable future for all.

Making a Mindful Choice with EccoFlex

At ATI Decorative Laminates, sustainability drives our innovation. The MirroFlex line offers two eco-friendly options for architects and designers: EccoFlex and PVC-free EccoFlex 2.0.

EccoFlex

EccoFlex is a phthalate-free, eco-friendly option made with 40% pre-consumer recycled material. It offers the same benefits as MirroFlex—easy installation, flexibility, durability, and a premium appearance—and is available in EccoFlex Tan (Paintable).

EccoFlex 2.0

EccoFlex 2.0 is ATI's PVC-free alternative to MirroFlex, designed for sustainability. Made with PETG, it is recyclable* and delivers the same ease of use, flexibility, durability, and high-quality look. Ideal for applications where PVC isn't suitable, it provides a comparable solution at a similar price.

Explore finishes on pages 40-41 or visit ATILaminates.com/Resources for details. *Recycling availability varies by region.

Features

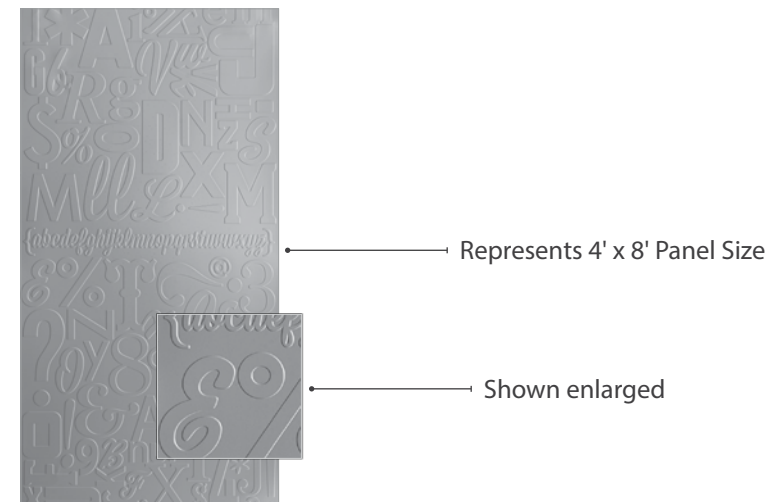
- Recyclable
- Lightweight + Flexible
- Easy to Install
- Impact Resistant
- Abrasion Resistant
- Chemical Resistant
- Stain Resistant
- Class A Fire Rated

MirroFlex Structures Wall Panel Patterns

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.



Alphabet Soup — Pattern Name
W8 W10 BIO — Type Indicators

W8	W10	BIO	B+B
4' x 8' Wall Panels	4' x 10' Wall Panels	BIO Built-In-Overlap	Bead + Button

See our Quick Reference Guide on page 49 for additional notes on wall panels.

Features

- Lightweight + Flexible
- Easy to Install
- Impact Resistant
- Abrasion Resistant
- Chemical Resistant
- Stain Resistant
- Class A Fire Rated
- TuffCote™ Added to Some MirroFlex Finishes



Alphabet Soup

W8 W10 BIO



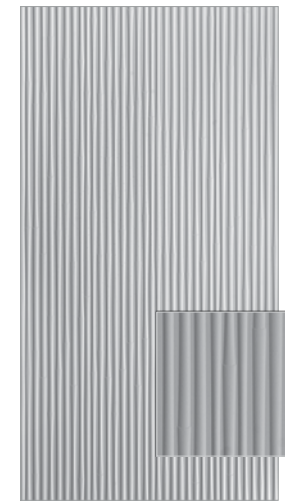
Ariel

W8 W10 BIO



Audrey

W8 BIO



Bamboo

W8 W10 BIO



Bee Hive

W8 W10 BIO



Boston

W8 W10 B+B



Bowtie

W8 W10 BIO



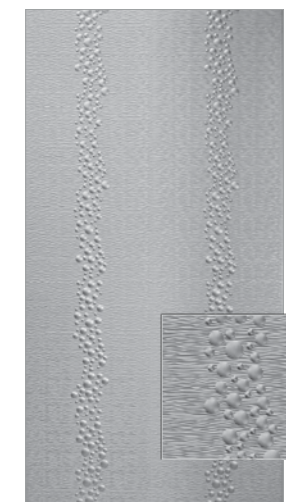
Brick

W10 BIO



Camelot

W10 BIO



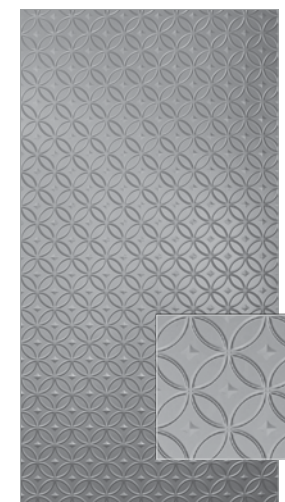
Cascade

W8 W10 BIO



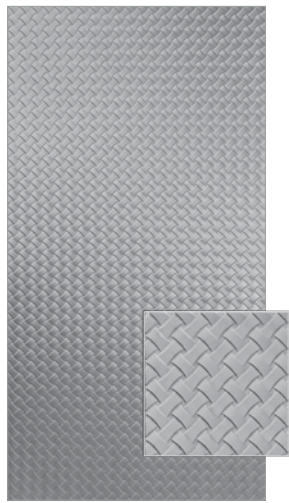
Cayman

W8 BIO



Celestial

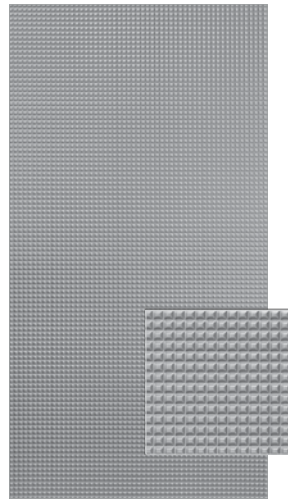
W8 BIO



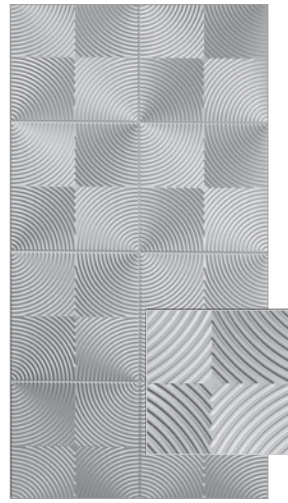
Celtic Weave



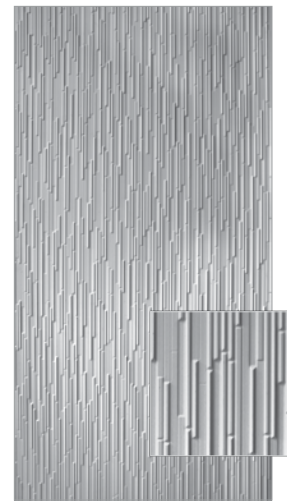
Charleston



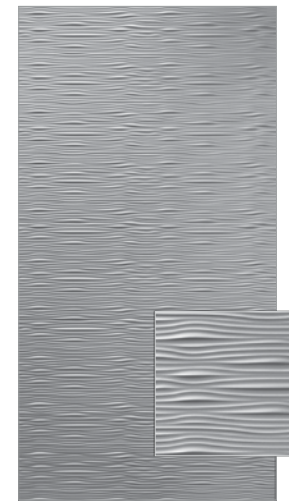
Chocolate Squares



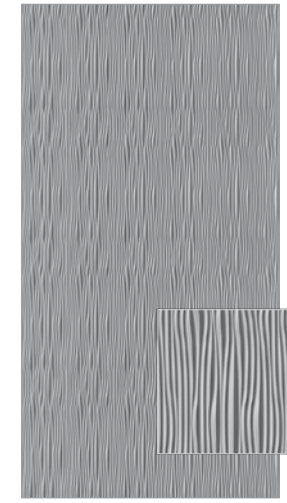
Curvation



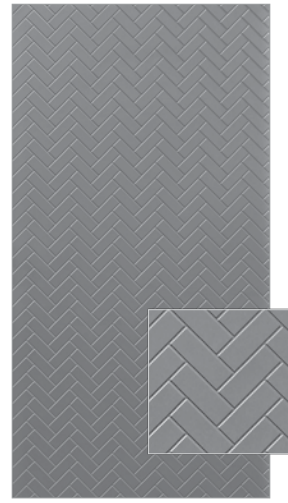
Glacier



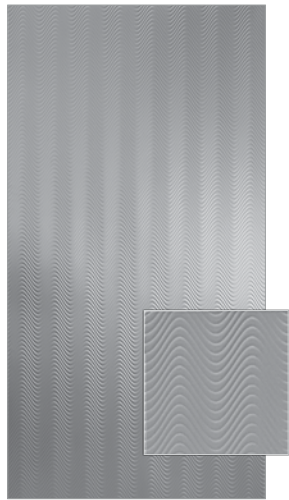
Gobi



Gobi Vertical



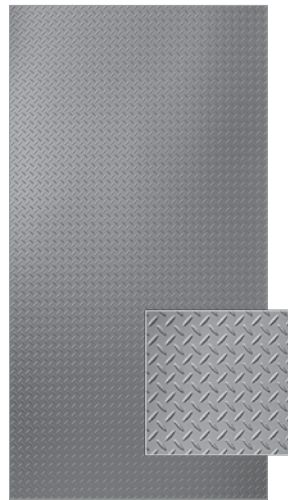
Herringbone



Curves



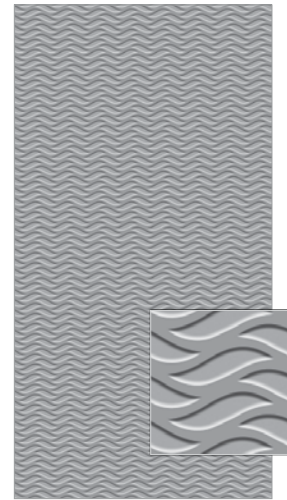
Damask



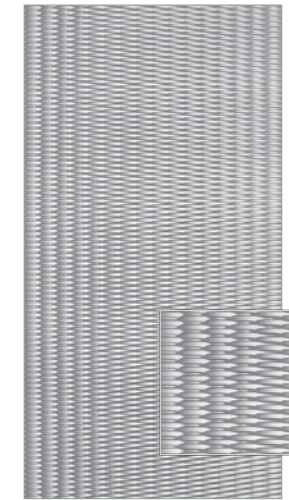
Diamond Plate



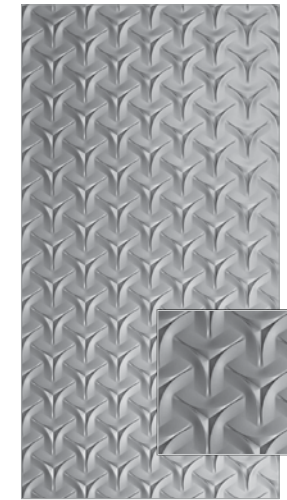
Dogwood



Inferno



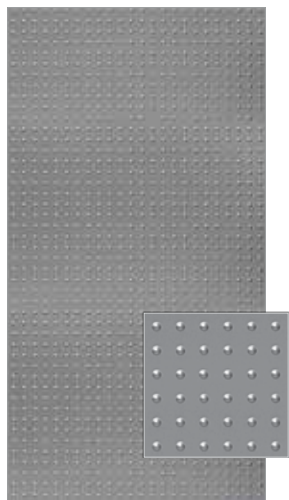
Interlink



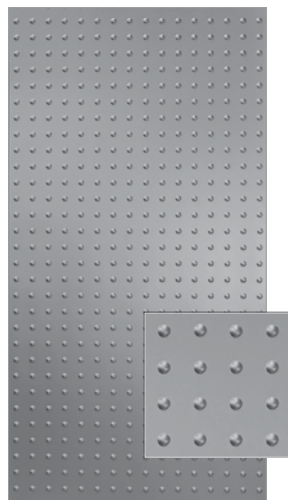
Japanese Weave



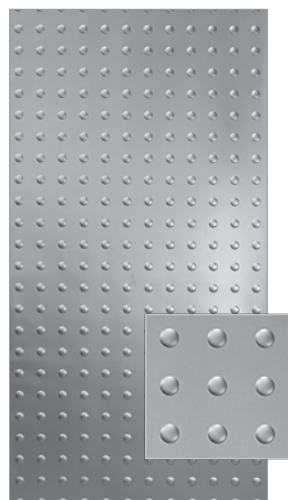
Kalahari



Dome 1



Dome 2



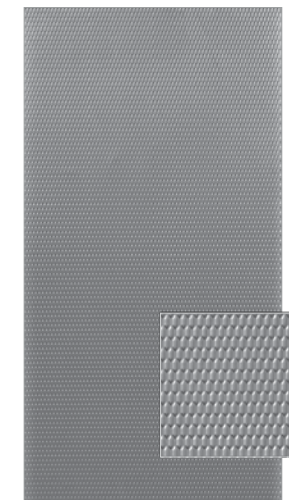
Dome 3



Fluted



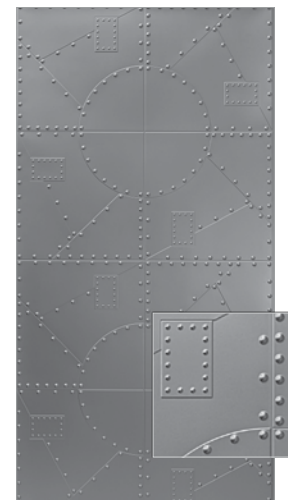
Kelp



Marquis

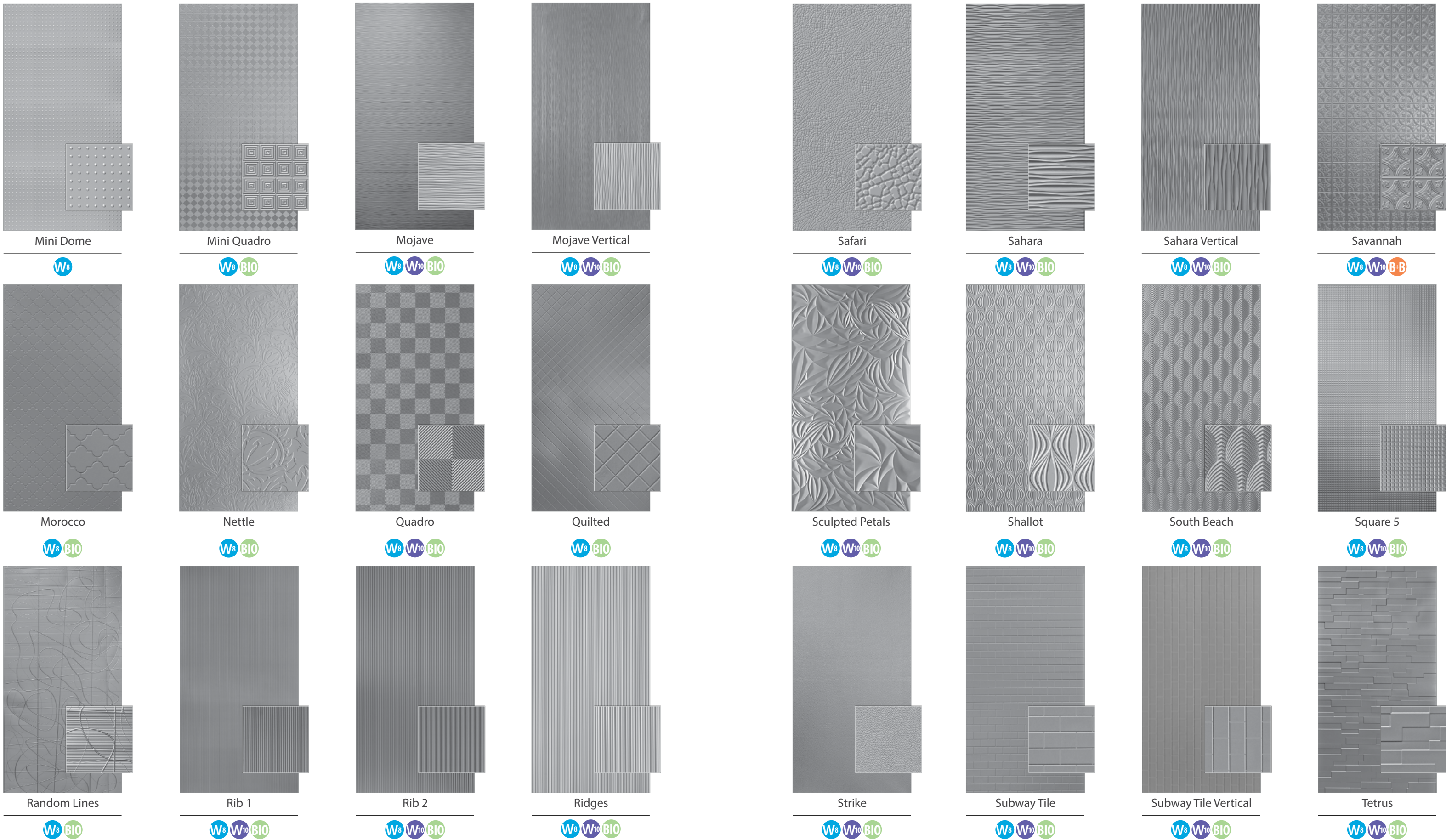


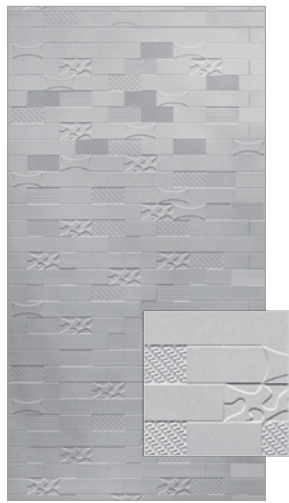
Merlin



Metal Plates

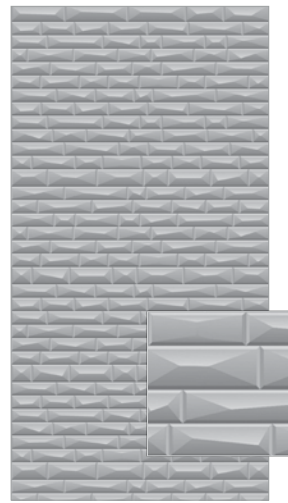






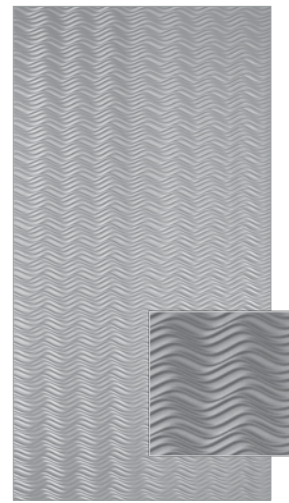
Versa-Tile

W8 W10 BIO



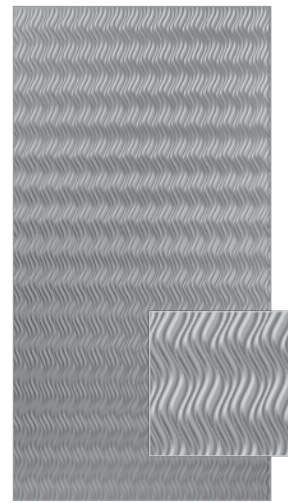
Vista

W8 W10 BIO



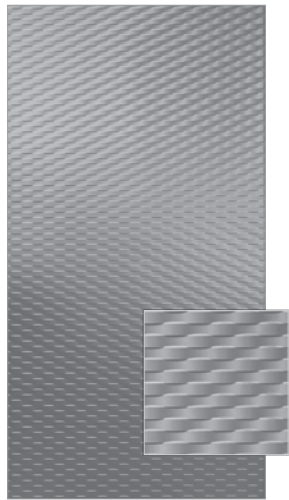
Wavation

W8 W10 BIO



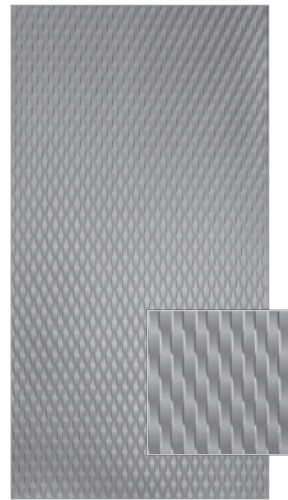
Wavation Vertical

W8 W10 BIO



Weave

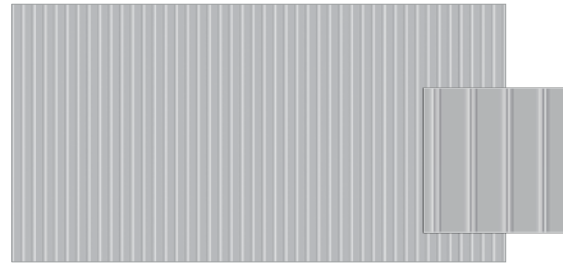
W8 W10 BIO



Weave Vertical

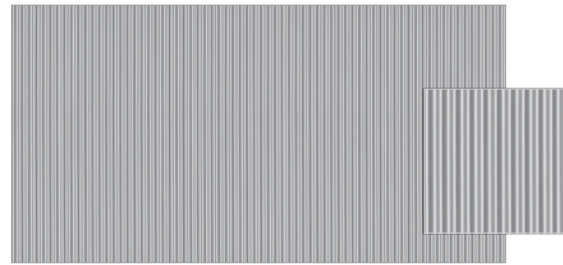
W8 W10 BIO

These patterns are used primarily in Wainscoting applications



Bead Board

W8 W10 BIO



Channel

W8 W10 BIO



Pandora

W8 W10 BIO

W8

4' x 8' Wall Panels

W10

4' x 10' Wall Panels

BIO

BIO Built-In-Overlap

B+B

Bead + Button

See our Quick Reference Guide on page 49 for additional notes on wall panels.



THE FORMULA
ARIEL + WASHED OAK

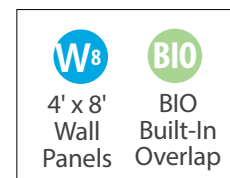
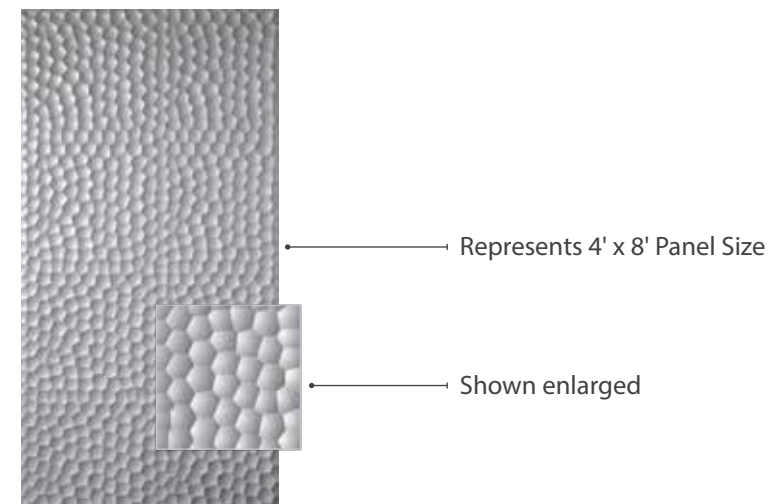
MirroFlex MAX Wall Panels

4' x 8" Patterns: Take Your Design to the MAX

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.

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.



Features

Lightweight

Easy to Install

Impact Resistant

Abrasion Resistant

Chemical Resistant

Stain Resistant

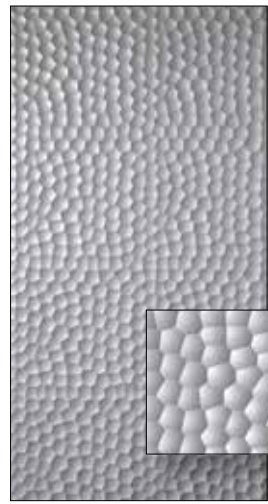
Class A Fire Rated

Color-Through Material
Perfect For High Traffic Areas



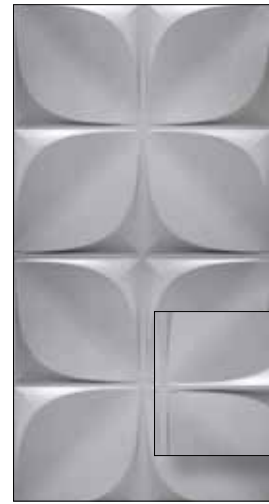
THE FORMULA
LOTUS + COCOA

MirroFlex MAX Patterns



Crater

W8 BIO



Lotus

W8 BIO



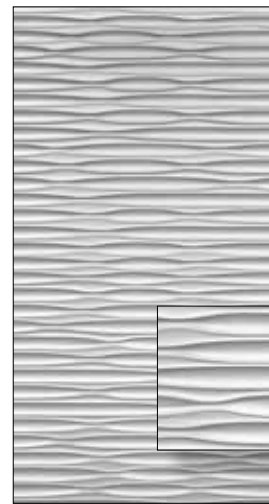
Morpheus

W8 BIO



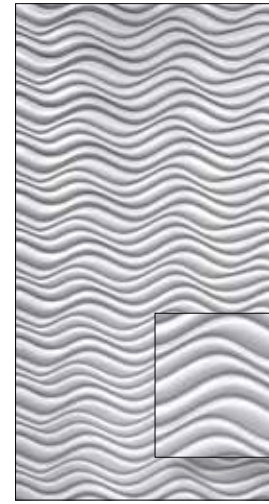
Petal

W8 BIO



Sonic

W8 BIO



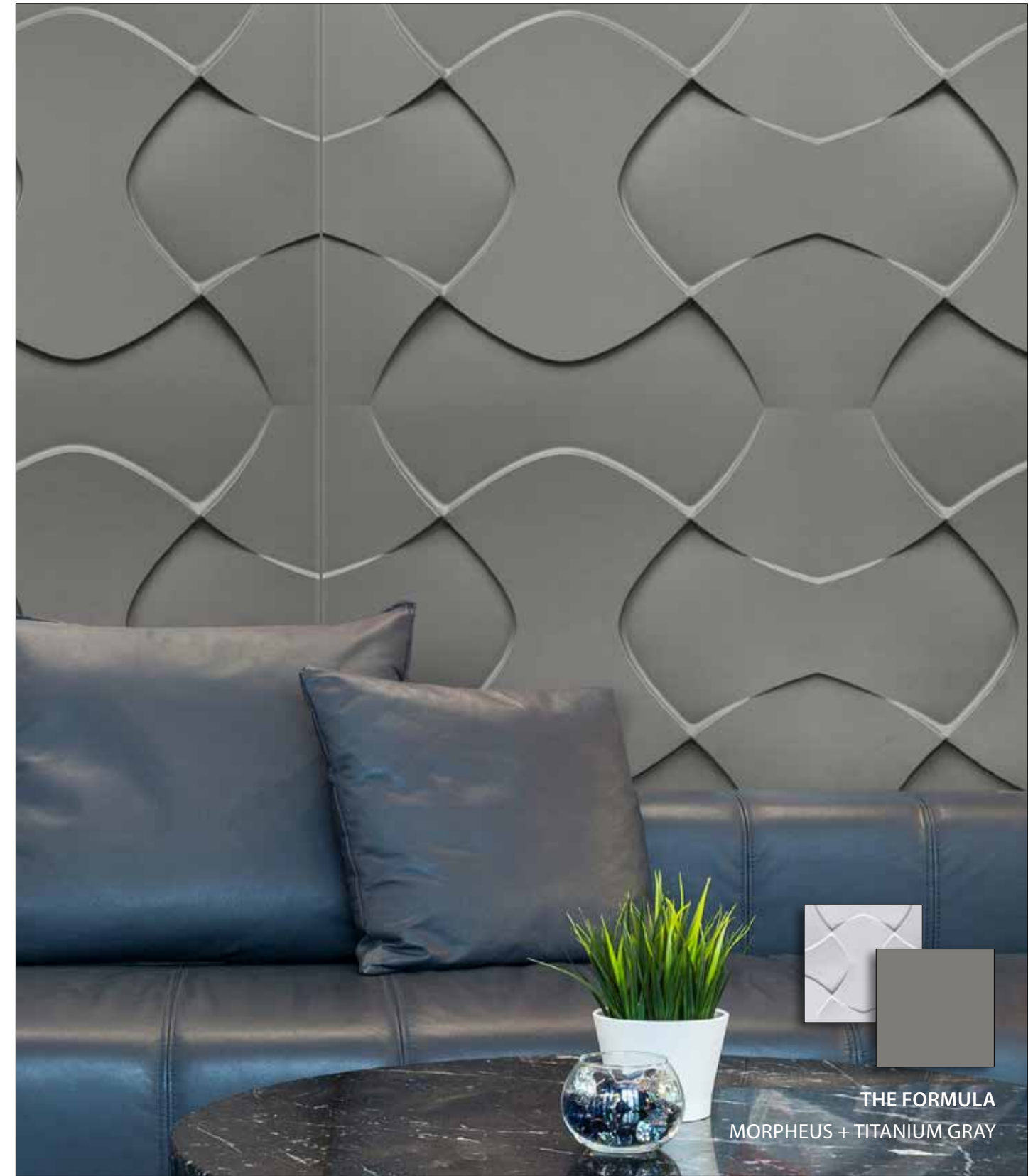
Tsunami

W8 BIO

W8 BIO
4' x 8'
Wall
Panels
BIO
Built-In
Overlap

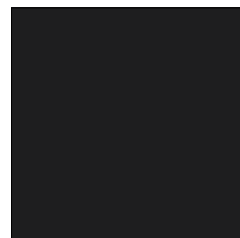
Take your design to the MAX

MirroFlex MAX



THE FORMULA
MORPHEUS + TITANIUM GRAY

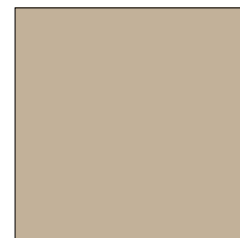
MirroFlex MAX Finishes



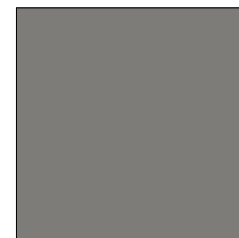
Calcutta Black



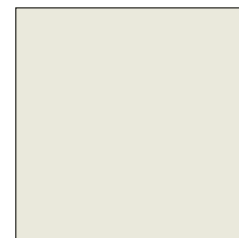
Cocoa



Tan



Titanium Gray



Winter White

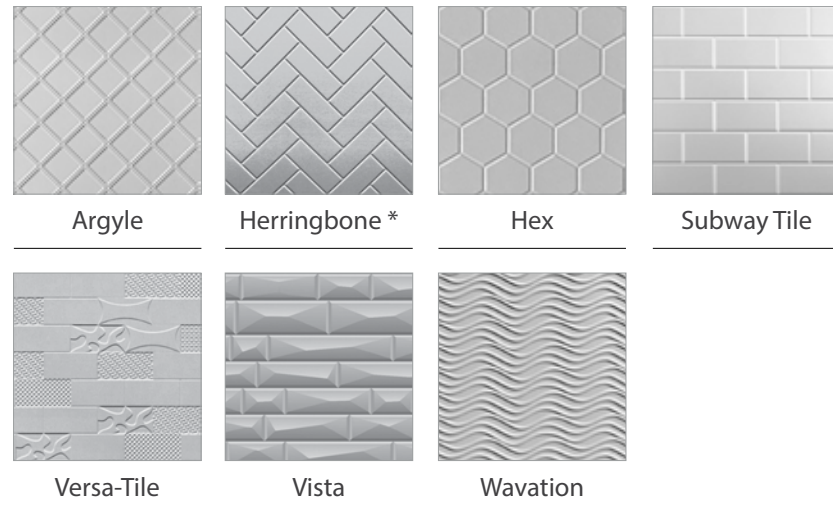
Tub & Shower Surrounds

Reskin Your Tub & Shower

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



Stock Finishes



Features

- Lightweight + Flexible
- Easy to Install
- Easy to Clean
- Contemporary Designs + Finishes Available
- Fits Most Common Tub/Shower Sizes
- Kit Includes Trim, Adjustable Back Panel + 2 Side Panels
(* Only Available in 46" Back Panel)



THE FORMULA
SUBWAY TILE + WHITE PAINTABLE

MirroFlex Ceilings

From Overhead to Outstanding

Ceilings have the power to transform a room. With MirroFlex Ceiling Tiles, you can introduce dimension, texture, and visual interest, enhancing the ambiance of any space. No longer just a flat, white surface, ceilings are now a canvas for bold expression. Thoughtfully designed ceilings can define a room's character, creating intimacy in expansive halls or adding a sense of openness to compact offices.

MirroFlex Ceiling Tiles are versatile, thermoplastic panels available in various patterns, finishes, and sizes to suit diverse design needs. With four innovative options, ATI provides solutions for nearly every installation scenario:

Glue-Up: Featuring an overlap system for seamless, fast installation on ceilings or walls. Available in 2' x 2' and 2' x 4' sizes.

Lay-In: Designed for 15/16" grid systems, with tegular options for added depth. Some sizes may require adhesive for added stability.

Acoustic/Perforated: 2' x 2' Lay-In tiles engineered for enhanced sound absorption and acoustic performance.

MirroFlex Lite: Ultra-thin, budget-friendly 2' x 2' Lay-In tiles at just .013" thick.

Drop-Out Ceiling: Available in select finishes, designed specifically to meet requirements for a drop-out ceiling assembly where fire sprinklers are above the grid system.

Features

Hundreds of Design Options Available

Compatible with 15/16" Grid Systems

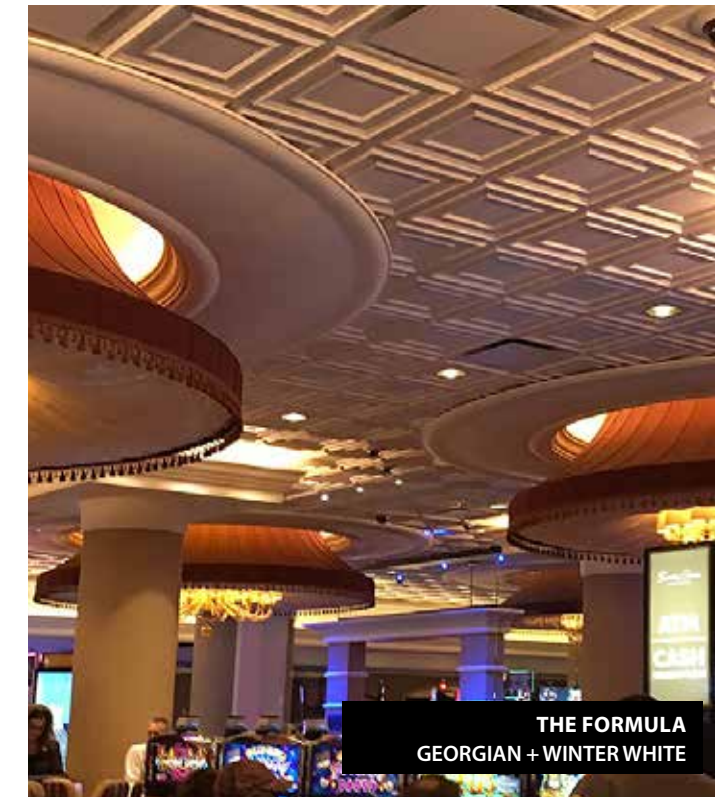
Lightweight + Easy to Install

Impact + Abrasion Resistant

Chemical Resistant

Class A Fire Rated

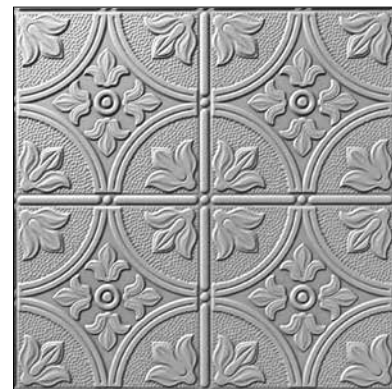
Borders Available



Ceiling Tile Patterns

2' x 2' and 2' x 4' Patterns:

Strikingly beautiful, intricately textured, and built to last—these qualities define every ATI MirroFlex Ceiling Tile. With a wide range of patterns, vibrant colors, and sophisticated patinas, these tiles provide endless possibilities for creating a custom aesthetic, whether your style leans modern or traditional.



← Represents 2' x 2' Panel Size

Boston

← Pattern Name



← Key Indicators

Features

Hundreds of Design Options Available

Compatible with 15/16" Grid Systems

Lightweight + Easy to Install








Impact + Abrasion Resistant

Chemical Resistant

Class A Fire Rated

Borders Available

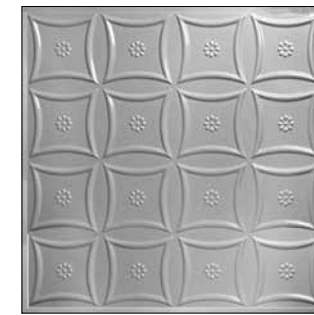
Key Indicators

 2' x 2' Glue-Up	 2' x 4' Glue-Up	 2' x 2' Lay-In Non-Tegular	 2' x 4' Lay-In Non-Tegular
 2' x 2' Tegular Lay-In	 Available in Acoustic/ Perforated	 Available in MirroFlex Lite & Drop-Out	

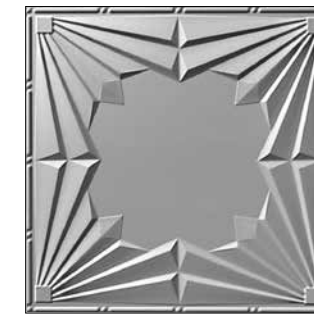
See Quick Reference Guide on page 48 for notes on 2' x 2' and 2' x 4' Lay-Ins that have minimums/multiples when ordering.

From overhead to outstanding

MirroFlex Ceilings



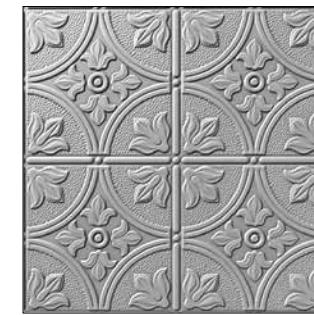
Americana



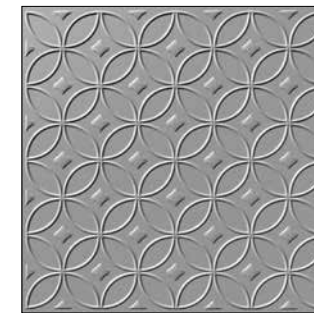
Art Deco



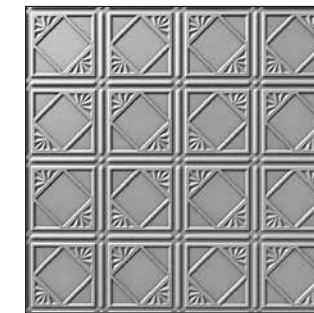
Baltimore



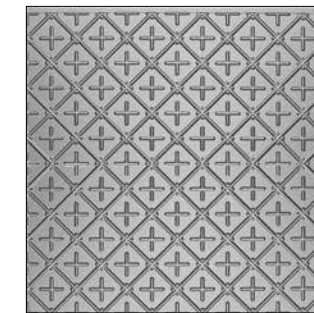
Boston



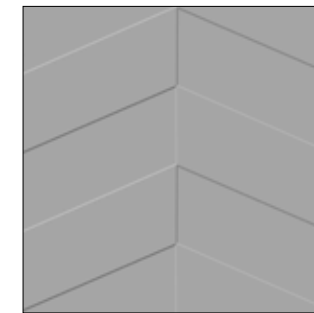
Celestial



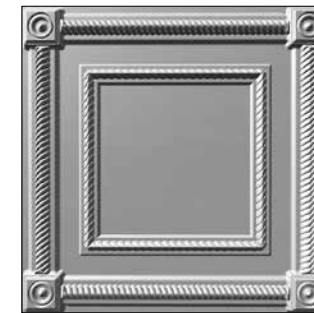
Charleston



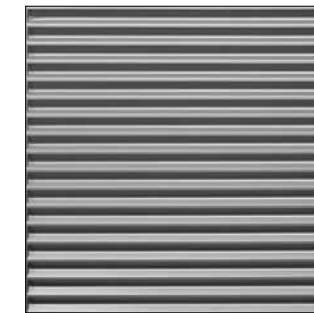
Chesapeake



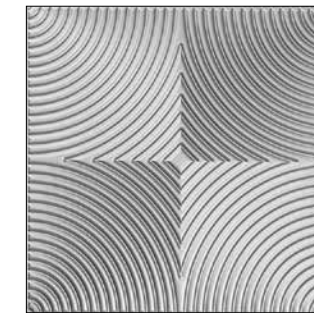
Chevron



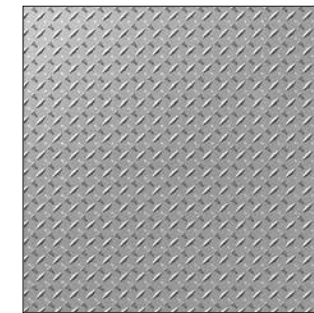
Colonial



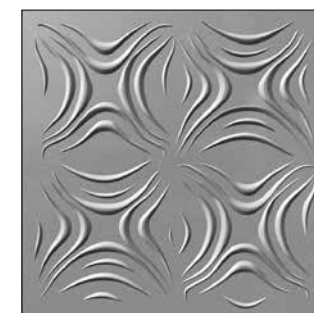
Corrugated



Curvation



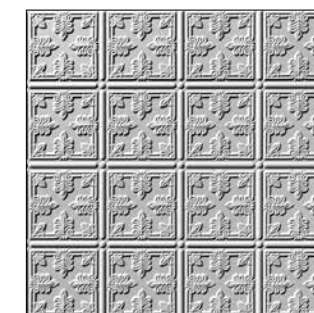
Diamond Plate



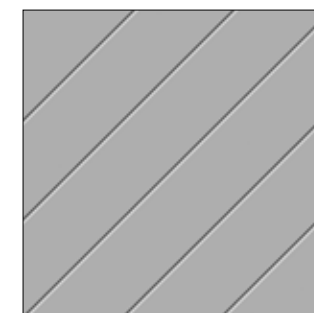
Dogwood



Expanded Bead Board



Fleur

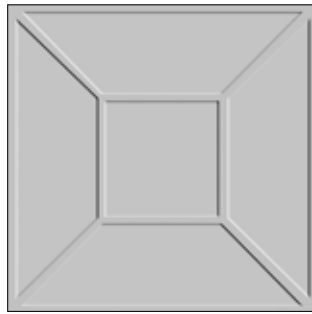


Flux



MirroFlex Ceilings

From overhead to outstanding



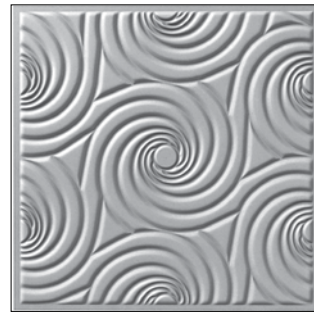
Fulton

T A



Georgian

G² T A D



Hurricane

G² T A



Inset Coffered

T A



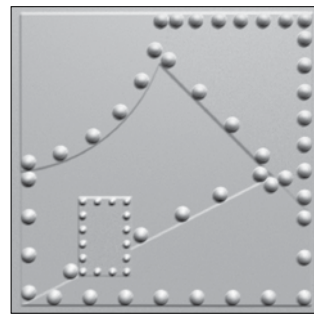
Lotus

T A



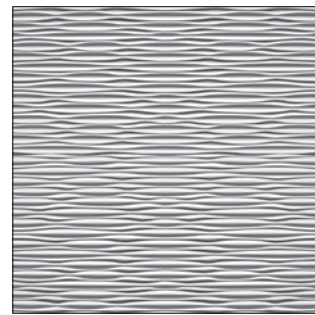
Madison

G⁴ L² L⁴ A D



Metal Plates

T A



Mojave

G² T A



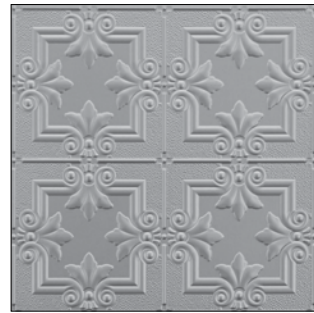
Portrait

G⁴ L² L⁴ A D



Raised Panel Coffered

T A D



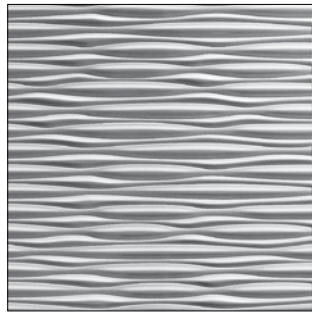
Regalia

G⁴ L² L⁴ A



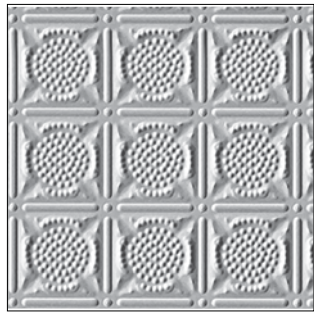
Rosette

G⁴ L² L⁴ A D



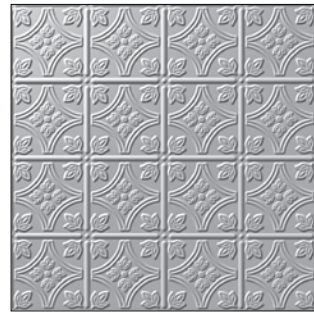
Sahara

G² T A D



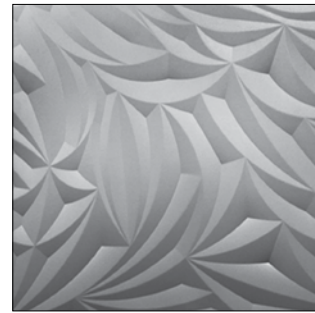
San Diego

G⁴ L² L⁴ A



Savannah

G² G⁴ L² L⁴ A



Sculpted Petals

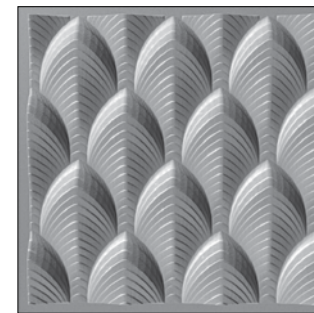
T A

From overhead to outstanding

MirroFlex Ceilings

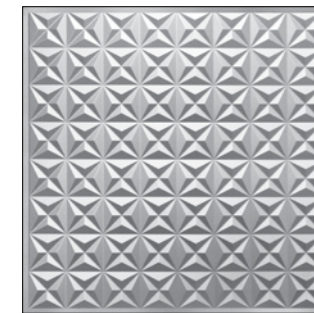


THE FORMULA
BOSTON + CROSSHATCH SILVER



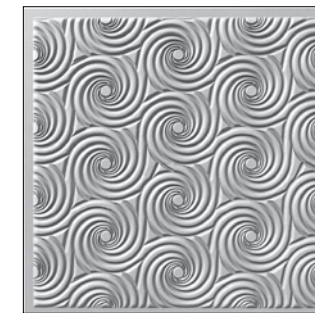
South Beach

G² T A D



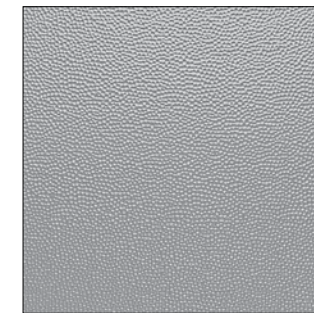
Star

G² T A



Storm

G² T A



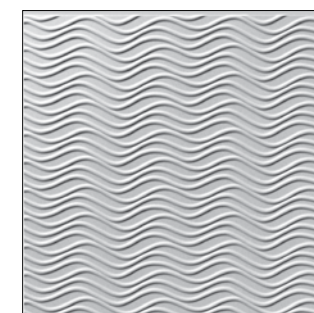
Strike

G² G⁴ L² L⁴ A



Tranquil

T A



Wavation

G² L⁴ T A D



Zest

T A

Key Indicators

- G² 2' x 2' Glue-Up
- G⁴ 2' x 4' Glue-Up
- L² 2' x 2' Lay-in, non-teg
- L⁴ 2' x 4' Lay-in, non-teg
- T 2' x 2' Lay-in, teg
- A 2' x 2' Acoustic/Perf
- D 2' x 2' Lite + Drop-out

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

Over 40 Design Options Available

Lightweight + Easy to Install

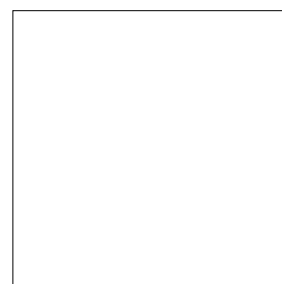
Compatible with 15/16" Grid Systems

Class A Fire Rated

Borders Available

Compatible with Most Acoustic Backers

ASTM C423 + SAEJ2883 Tested for Noise Reduction



White
Gloss or Matte



Black
Gloss or Matte



THE FORMULA
MADISON + MATTE WHITE (ACOUSTIC)

MirroFlex Lite & Drop-Out 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 10 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
- Structures Thinner 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

Features

- Over 10 Design Options
- Available in 10 Popular Finishes
- Lightweight + Easy to Install
- Compatible with 15/16" Grid Systems
- UBC 26-3 Fire Tested
- Class A Fire Rated
- Impact + Abrasion Resistant Properties
- Easy to Clean



THE FORMULA
WAVATION + GLOSS WHITE (PAINTABLE)

MirroFlex Lite Finishes



Antique Bronze
N562



Bermuda Bronze
N417



Brushed Copper
CBS 514



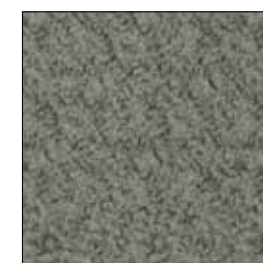
Brushed Nickel
N560



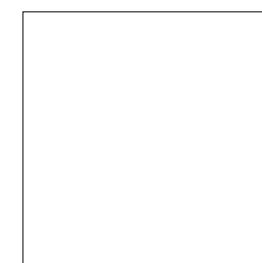
Copper Fantasy
N190



Crosshatch Silver
N419



Galvanized
N561



Gloss/Matte White
Paintable



Moonstone Copper
N414



Smoked Pewter
N519

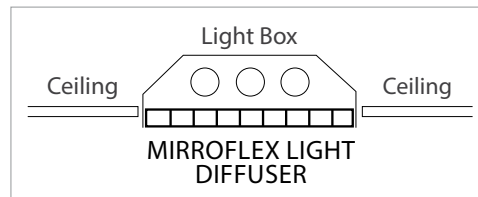
Light Diffusers

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.

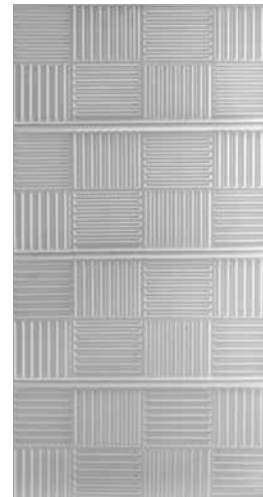
Designed to fit 2' x 2' (Wavation pattern only) and 2' x 4' light box fixtures, our diffusers have tegular/revealed edges for easy installation. Some patterns can be cut-to-size for use in almost any light box.

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



Features

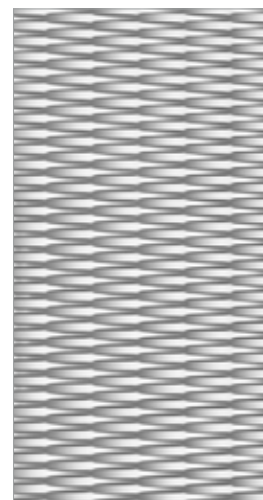
- 4 Patterns Available in 2' x 4'
- 30% More Pleasing Light
- Compatible with Light Boxes in 15/16" Grid Systems
- Easy to Install
- Class A Fire Rated
- Wavation + Interlink Can be Cut to Size
- Available with Tegular Edges



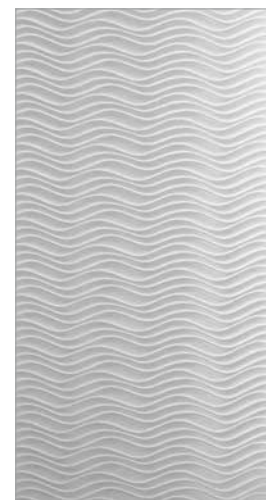
Basketweave



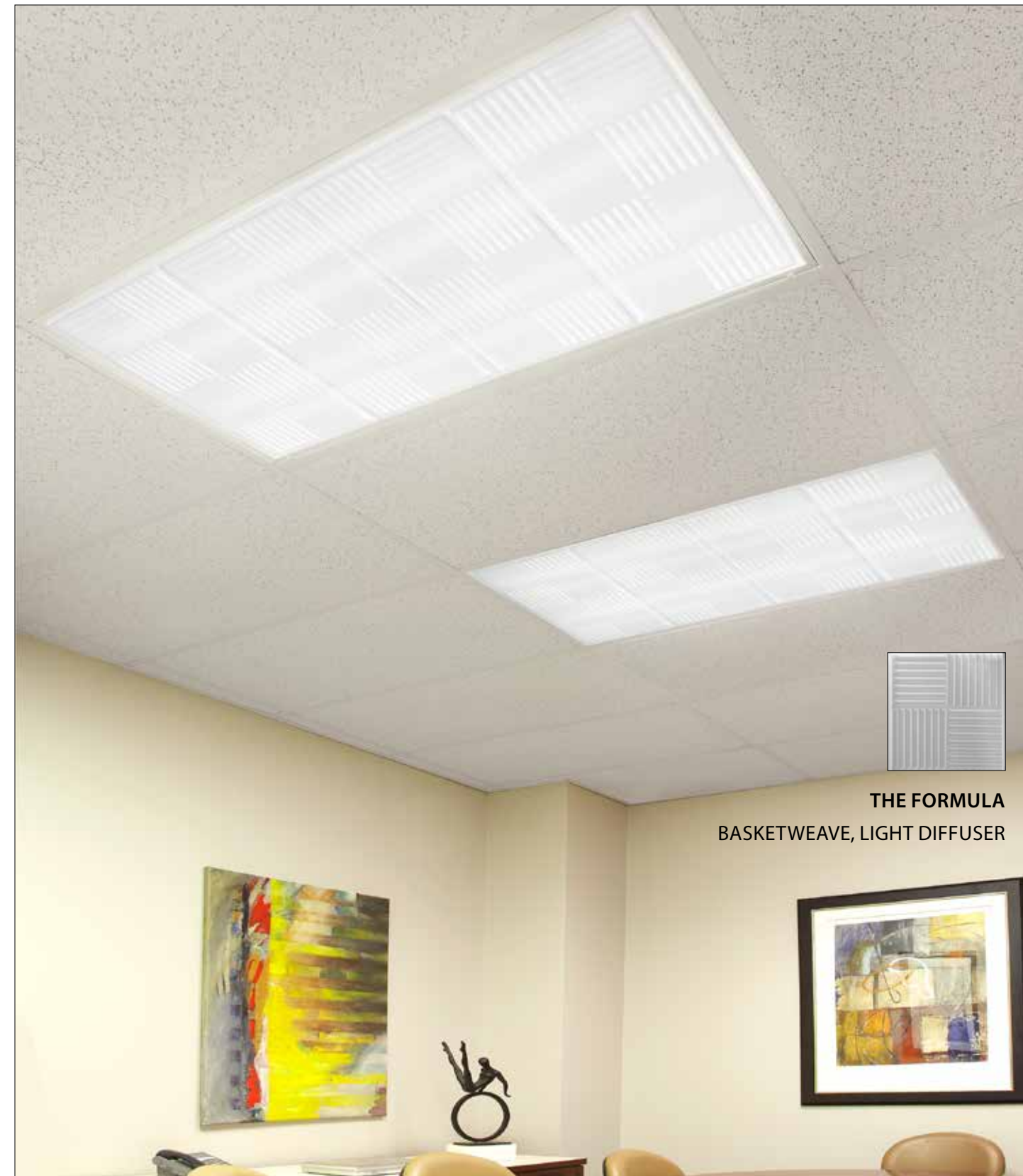
Revolution



Interlink
Can also be cut to Size



Wavation
Can also be cut to Size



THE FORMULA
BASKETWEAVE, LIGHT DIFFUSER

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 40-41, plus many more available via stock and custom order.

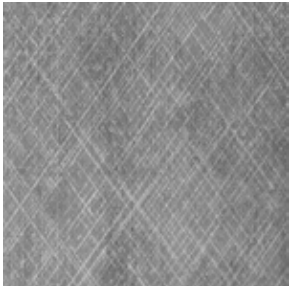
MirroFlex Edge Banding and profile wrapping comes in a diverse color range of polished aluminum, polished brass, gold, brushed aluminum, brushed brass, stainless steel, and black. Edge banding can be combined with pressure sensitive adhesive, as well as with primed backing, for high-speed edging and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

Features

- Lightweight + Flexible
- Impact Resistant
- Abrasion Resistant
- Chemical Resistant
- Cut to Size
- Custom Capabilities
- Toll Coating Capabilities
- Pressure Sensitive Adhesive May be Added
- Exterior Options Available



THE FORMULA
CROSSHATCH SILVER



THE FORMULA
BRUSHED ALUMINUM



MirroFlex Door Skins

Restore Your Door with Smart Resurfacing Solutions

Upgrade your flat panel interior doors by resurfacing with MirroFlex Door Skins—an easy, cost-effective way to achieve a fresh, modern look. Skip the hassle and expense of replacing damaged or older doors entirely. This eco-friendly solution keeps your old doors out of the waste stream, making it a smart choice for your space and the planet.

MirroFlex Door Skins are designed for easy installation. Over-sized skins are easily fabricated and cut and adhered onsite with budget-friendly, locally purchased 3M Fastbond 30-NF adhesive. MirroFlex Door Skins can also be provided with an adhesive backing at additional cost. Offering exceptional durability, they deliver a refreshed appearance and long-lasting protection against wear and tear.

Available in a wide variety of wood grain finishes, MirroFlex Door Skins are an ideal choice for both commercial and residential spaces. They create a warm, inviting entryway while saving time and money.



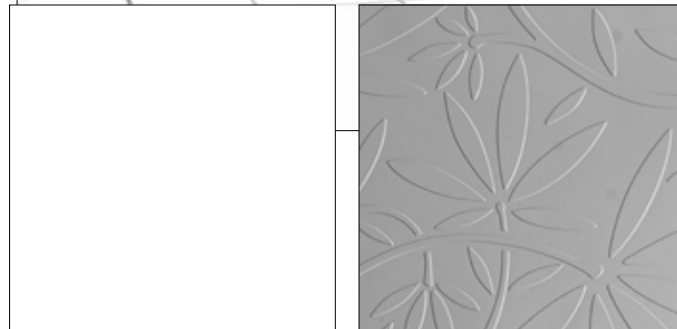
"It's faster, and more cost efficient than replacing or repairing an existing door."

- John Leandro
Hermitage Retirement Center



Features

- Large Stocked Selection
- Non-Stocked Options Available
- Impact, Scratch, Abrasion, and Chemical Resistant
- Easy to Clean Surfaces
- Easy Installation
- Class A Fire Rated (with recommended adhesive)
- Fits Most Door Sizes
- Custom Sizes Easily Provided



Gloss White (Paintable)

Audrey

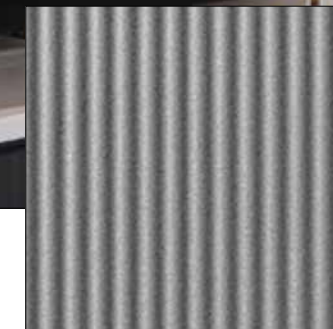
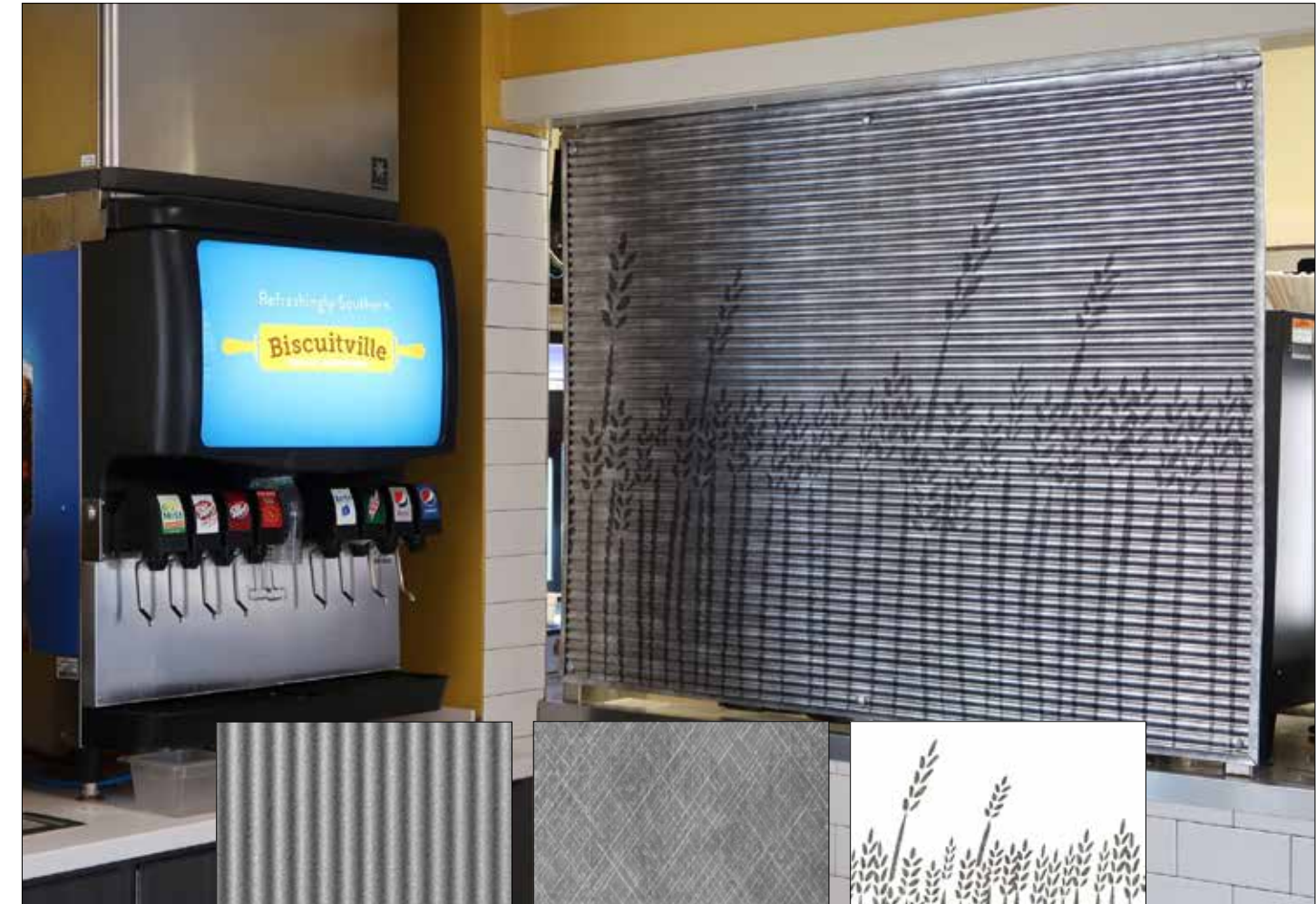
Elevate Your Brand with Custom Tooling

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.

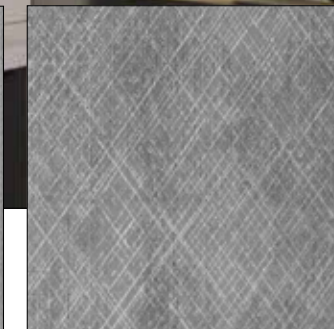
ATI has designed Custom Tooling solutions for companies across the nation, from national restaurants and fitness centers to regional boutiques and retail stores. Work with an ATI sales associate to discuss your vision and have a custom tool created for your next project.

Four Easy Steps

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



Rib 2
Pattern



Crosshatch Silver
Finish



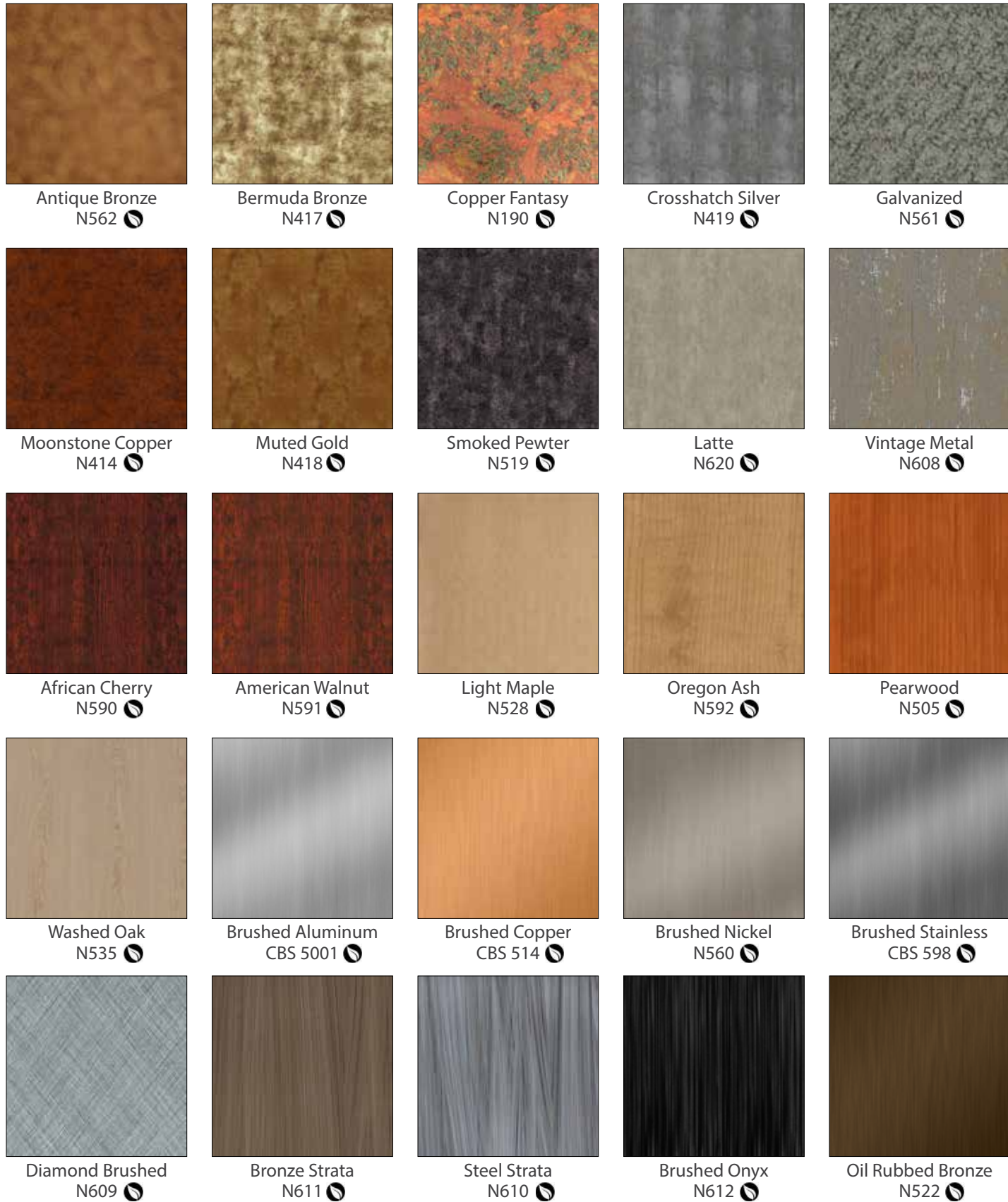
Custom Art
Image

Take Your Vision to a Whole New Dimension

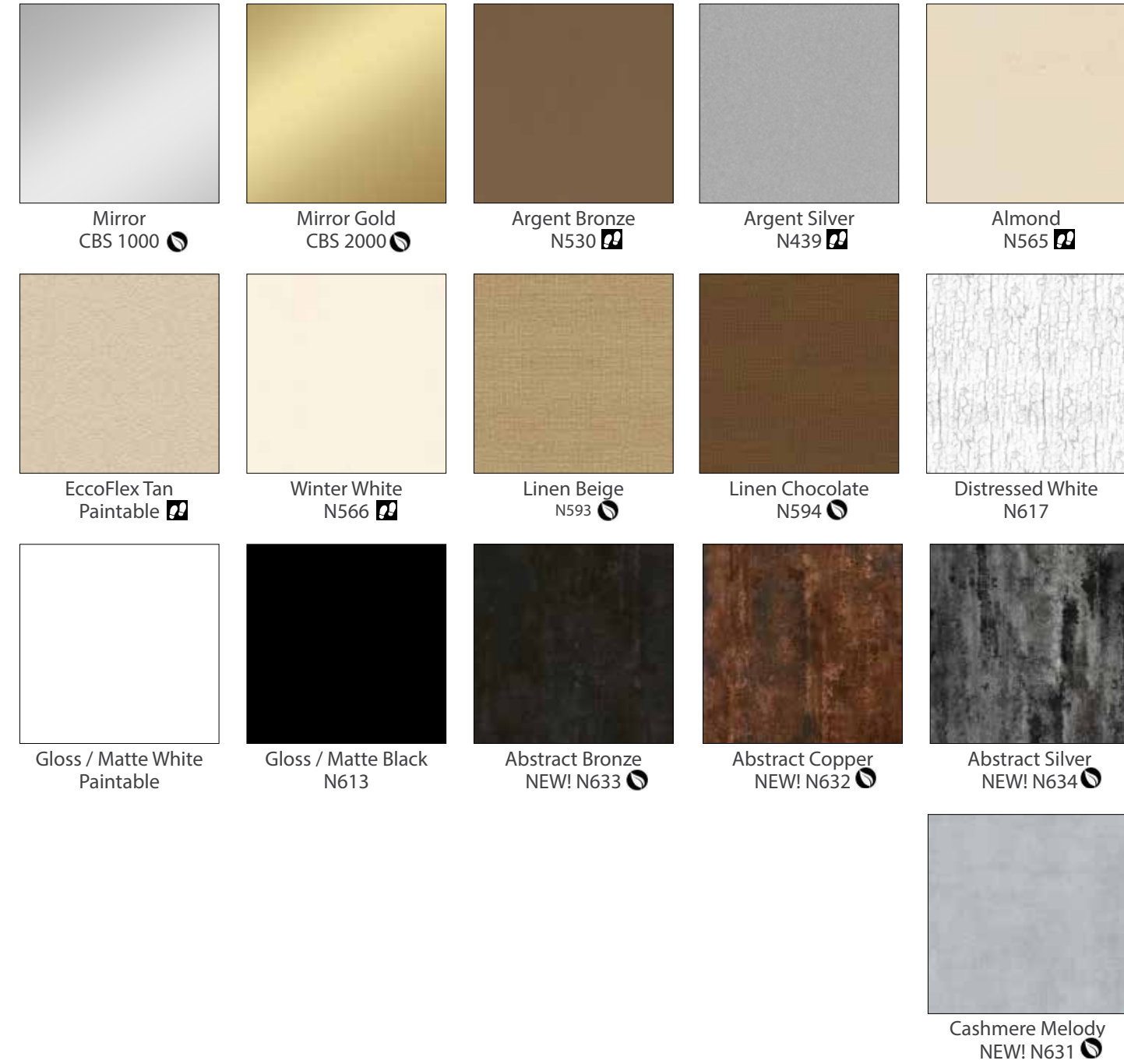
Architectural and interior design have embraced multilayer imaging, enhancing applications such as dimensional wall panels often showcased in corporate spaces and retail environments. Combine a stock or custom MirroFlex pattern with digital printing for double the visual impact. ATI offers options like spot color and company logo printing, creating personalized solutions for unique applications. With durable inks designed to withstand bending and folding, MirroFlex maintains its flexibility while meeting the demands of intricate designs.

ATI also accommodates smaller custom finish orders, making it easier to bring creative visions to life. Engineered to exceed expectations, ATI's dimensional production and print capabilities deliver exceptional results for even the most discerning designers.

MirroFlex Finishes



MirroFlex Finishes



High Traffic Finishes have color throughout so scratches are less visible

Most finishes are available for MirroFlex Structures, Ceilings, and Flat Sheets.

EccoFlex Tan is made from 40% pre-consumer recycled content; material and can contribute to LEED credits.



Available for EccoFlex 2.0

MirroFlex Accessories

GridMax™

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 pages 40-41 for GridMax colors.



15/16" (24 mm) GridMax



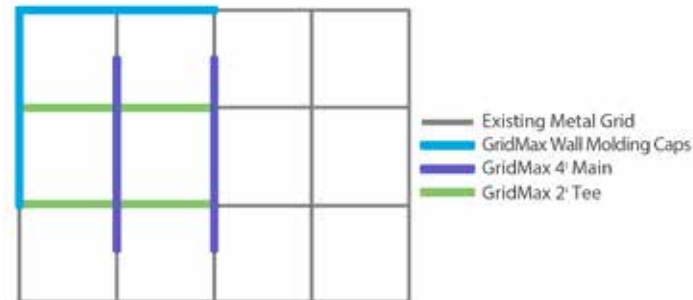
Applying GridMax Over T-bar Suspension Grid System



Applying GridMax Over T-bar Suspension Grid System

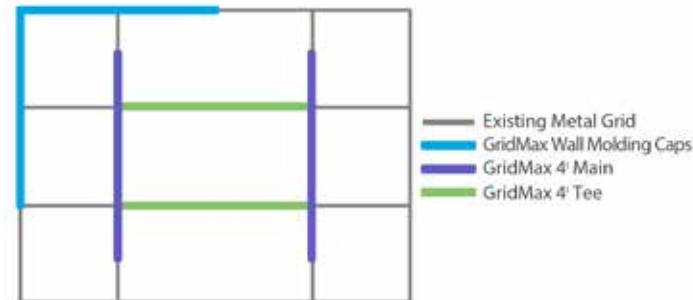
It's simple; measure the perimeter and calculate the square footage.

2' x 2' Grid System



4' Wall Molding Cover Perimeter + 4 | 4' Main Cover Room Square Footage + 8 | 2' Tee Cover Room Square Footage + 4

2' x 4' Grid System



4' Wall Molding Cover Perimeter + 4 | 4' Main Cover Room Square Footage + 16 | 4' Tee Cover Room Square Footage + 8

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.

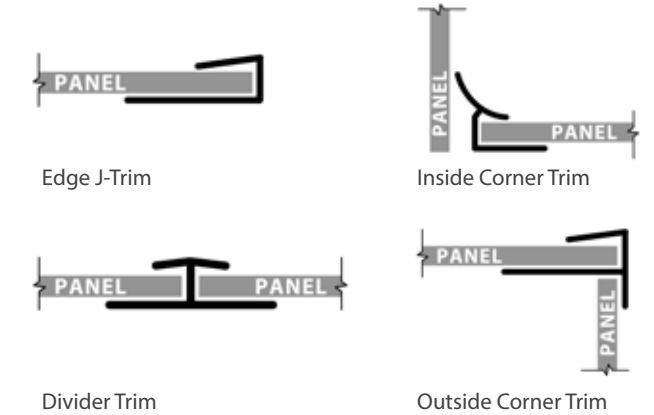


MirroFlex Accessories

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.



Corner Guard 3"

Argent Silver

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 ½" 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.

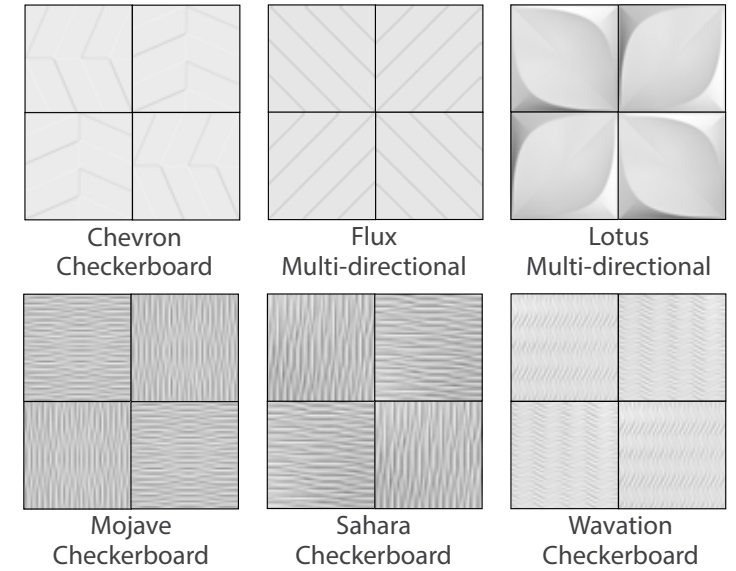
Storage

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

Fabrication & Installation

Multi-directional Installation

It's easy to design like a pro by alternating pattern direction when installing! Create checkerboard effects and more with 2' x 2' Glue-Up ceiling tiles Chevron, Flux, Lotus, Mojave, Sahara, and Wavation.



Inside + Outside Corners

Inside and outside corners can be a challenge for installers. In addition to our trim strips (shown on page 43), 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)

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 42.

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.

Panels, Tiles, & 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](https://www.youtube.com/MirroFlex)

Technical Info

Class A Fire Rated

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 [ATILaminates.com](https://www.atilaminates.com) for updated technical information and installation videos for MirroFlex products.

Contact us, we are here to help.

800.849.1320

Text Us at 336.389.8273

sales@advtechnology.com

[ATILaminates.com/MirroFlex](https://www.atilaminates.com/MirroFlex)

Live Chat Feature also Available!

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

Quick Reference Guide

Ceilings: 2' x 2' Lay-In Patterns

Pattern	Tegular	Notes
Americana	.	A
Art Deco		A, D
Baltimore		A
Boston		A
Celestial	.	A
Charleston		A
Chesapeake	.	A
Chevron		A, D, 1
Colonial	.	A, D
Corrugated		A, D
Curvation	.	A
Diamond Plate	.	A
Dogwood	.	A
Expanded Bead Board	.	A, 1
Fleur		A
Flux	.	A, D, 1
Fulton	.	A, D
Georgian	.	A, D
Hurricane	.	A
Inset Coffe	.	A

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

Ceilings: 2' x 2' Glue-Up Patterns

Pattern	BIO	Notes	Pattern	BIO	Notes	Pattern	BIO	Notes
Americana	.		Curvation	.		Savannah	.	
Baltimore	.		Dogwood	.		South Beach	.	
Boston	.		Georgian	.		Star	.	
Celestial	.		Hurricane	.		Storm	.	
Chesapeake	.		Mojave	.		Strike	.	
Colonial	.		Sahara	.	1	Wavation	.	1

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	.	

Quick Reference Guide

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

Pattern	4' x 8'	4' x 10'	BIO	Notes
Alphabet Soup	✓	✓	.	
Ariel	✓	✓	.	
Audrey	✓		.	
Bamboo	✓	✓	.	
Bead Board	✓	✓	.	
Bee Hive	✓	✓	.	
Boston	✓	✓	..	
Bowtie	✓	✓	.	
Brick		✓	.	
Camelot	✓	✓		
Cascade	✓		.	
Cayman	✓		.	
Celestial	✓	✓	.	
Celtic Weave	✓	✓	.	
Channel	✓	✓		
Charleston	✓	✓	..	
Chocolate Squares	✓	✓	.	
Curvation	✓	✓	.	
Curves	✓	✓	.	
Damask	✓		.	
Diamond Plate	✓		.	
Dogwood	✓		.	
Dome 1	✓			
Dome 2	✓			
Dome 3	✓			
Fluted	✓	✓		
Glacier	✓	✓	.	
Gobi	✓	✓	.	
Gobi Vertical	✓	✓	.	
Herringbone	✓	✓	.	
Inferno	✓	✓	.	
Interlink	✓	✓	.	
Japanese Weave	✓	✓	.	
Kalahari	✓	✓	.	
Kelp	✓			

Pattern	4' x 8'	4' x 10'	BIO	Notes
Marquis	✓			
Merlin	✓	✓		
Metal Plates	✓	✓	.	
Mini Dome	✓	✓		
Mini Quadro	✓		.	
Mojave	✓	✓	.	
Mojave Vertical	✓	✓	.	
Morocco	✓		.	
Nettle	✓		.	
Pandora	✓	✓		
Quadro	✓	✓	.	
Quilted	✓		.	
Random Lines	✓		.	2
Rib 1	✓	✓	.	
Rib 2	✓	✓	.	
Ridges	✓	✓	.	
Safari	✓	✓	.	
Sahara	✓	✓	.	
Sahara Vertical	✓	✓	.	
Savannah	✓	✓	..	
Sculpted Petals	✓	✓	.	
Shallot	✓	✓	.	
South Beach	✓	✓	.	
Square 5	✓	✓	.	
Strike	✓	✓	.	
Subway Tile	✓	✓	.	
Subway Tile Vertical	✓	✓	.	
Tetrus	✓	✓	.	
Versa-Tile	✓	✓	.	
Vista	✓	✓	.	
Wavation	✓	✓	.	
Wavation Vertical	✓	✓	.	
Weave	✓	✓	.	
Weave Vertical	✓	✓	.	

Key

- ✓ 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

How to Order

Laminate should be MirroFlex Structures (can also be MirroFlex) brand produced by ATI Decorative Laminates, Greensboro, North Carolina.

Pattern Name

Color Name and Number

Size

Type of Installation (Wall, Glue-Up Ceiling, Lay-In Ceiling, Fixtures, Columns; specify other)

Order Processing

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-to-order products to be 15 business days (3 weeks) from when order is received, until it ships. Minimums and multiples apply in many cases.

Return Policy

Due to ATI's fast lead times and low minimum quantities, consider most made-to-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, 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.

Follow Us on Social



Contact us, we are here to help.

800.849.1320

Text Us at 336.389.8273

sales@advtechnology.com

ATILaminates.com/MirroFlex

Live Chat Feature also Available!



THE FORMULA
GLACIER + BRONZE STRATA



Design Beyond the Surface

ATILaminates.com/MirroFlex

800.849.1320