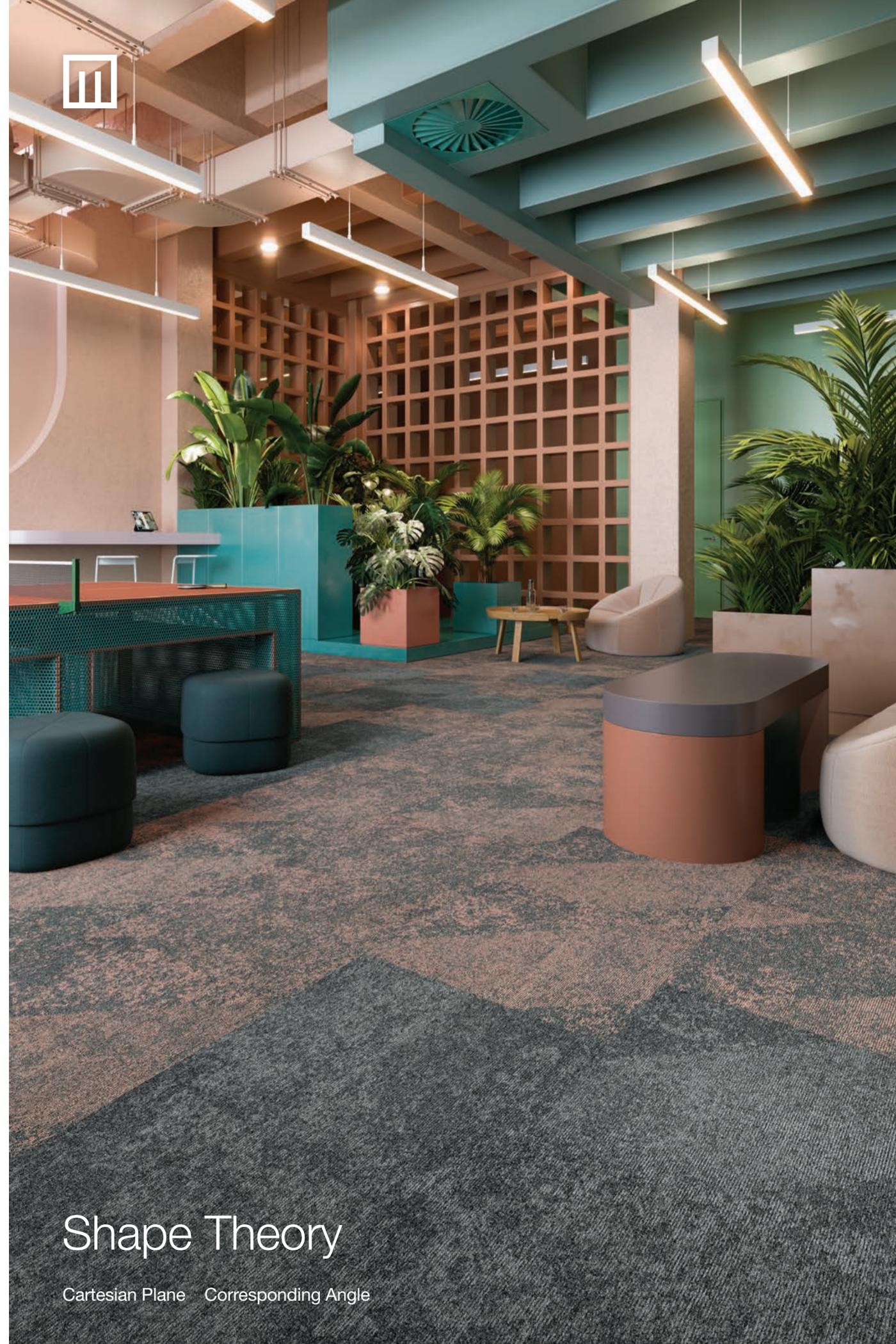


Mohawk Group

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MG789-20PG-BROCHR-LT



# Shape Theory

Cartesian Plane   Corresponding Angle



# Shape Theory

Welcome to a world where lines, angles, and curves converge to redefine interior spaces—and shape a more resilient, creative culture. Introducing Shape Theory, a collection that breathes optimism and collaboration into environments through the harmonious play of geometric shapes and bold colors.

Inspired by the elegant simplicity of geometry and the invigorating power of vibrant hues, Shape Theory is crafted to stimulate the senses, encourage new perspectives and invite people to engage with each other.

Discover the power of shape and color to create an engaged, supportive culture.



Learn more at  
[mohawkgroup.com](https://mohawkgroup.com)

Cartesian Plane, 971 Golden Ratio, Brick Ashlar  
Corresponding Angle, 971 Golden Ratio, Brick Ashlar

Cover:  
Cartesian Plane, 973 Sunset Sequences, Vertical Ashlar  
Corresponding Angle, 973 Sunset Sequences, Vertical Ashlar  
Corresponding Angle, 977 Iron Index, Vertical Ashlar





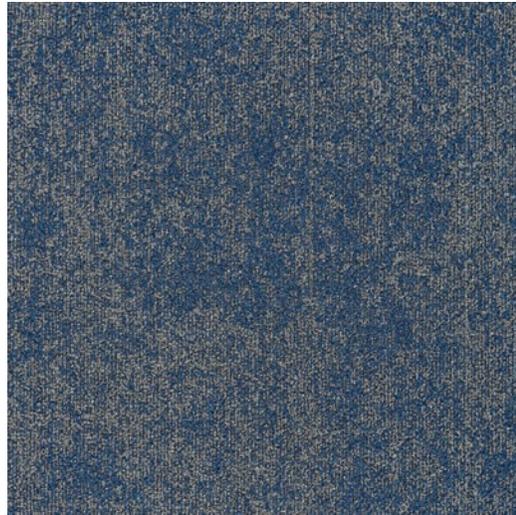
Cartesian Plane, 973 Sunset Sequences, Brick Ashlar  
Corresponding Angle, 973 Sunset Sequences, Brick Ashlar



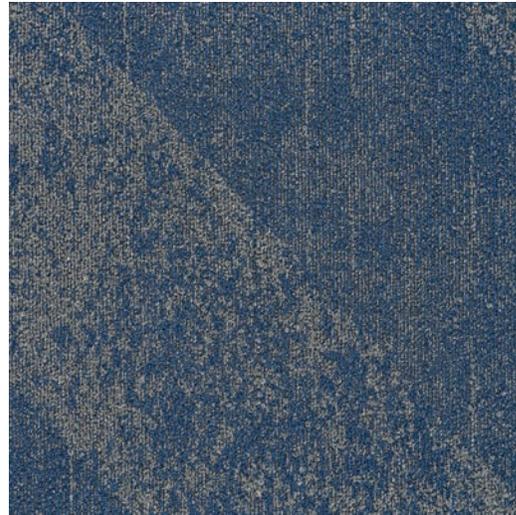
Corresponding Angle, 936 Parabola Peridot, Monolithic  
Creative Spark, 646 Enchanting Eucalyptus, Monolithic  
Creative Spark, 651 Graceful Green, Monolithic



# Colorways LIGHT GREY BASE

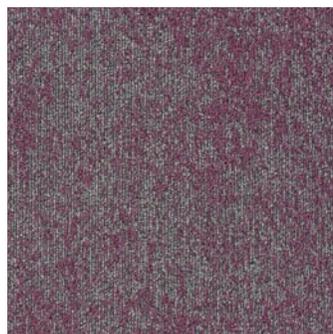


Cartesian Plane, 945 Infinity Indigo

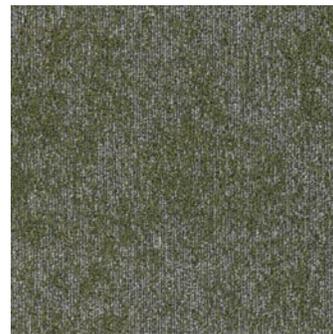


Corresponding Angle, 945 Infinity Indigo

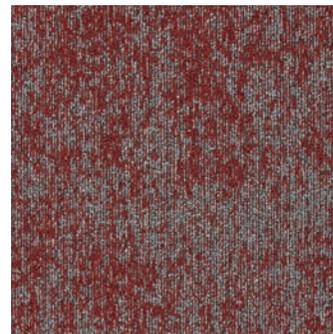
The two styles, Corresponding Angle and Cartesian Plane, create a geometric tapestry with organic grounding, assembling a multitude of angles and facets into one cohesive dynamic. As the styles support and play off of each other, they form an optimistic environment that opens space for people to be themselves, together.



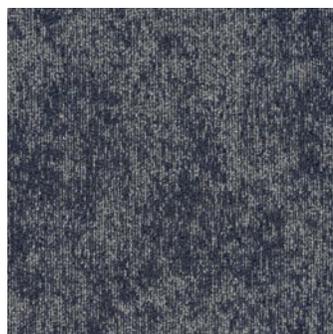
933 Pi Pink



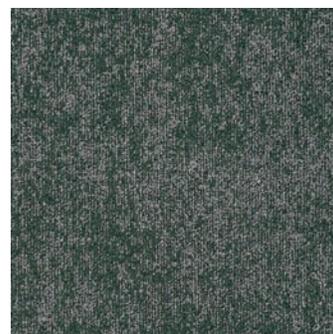
936 Parabola Peridot



943 Fractal Fire



944 Polygon Purple

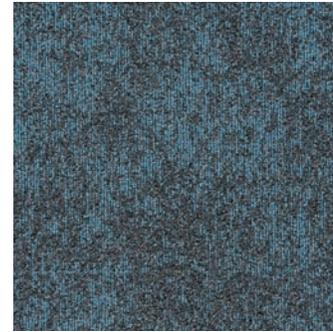


946 Integral Ivy



956 Tangent Teal

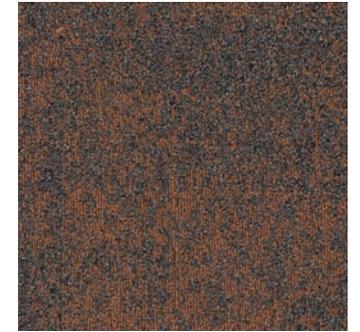
# Colorways DARK GREY BASE



955 Aqua Apex



971 Golden Ratio



972 Coral Calculations



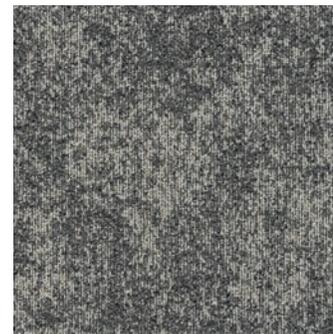
973 Sunset Sequences



975 Ice Inverse



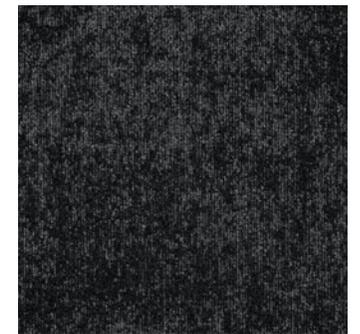
977 Iron Index



987 Discrete Diamond



988 Tessellation Taupe



989 Ink Integer



Cartesian Plane, 977 Iron Index, Brick Ashlar  
Corresponding Angle, 975 Ice Inverse, Brick Ashlar



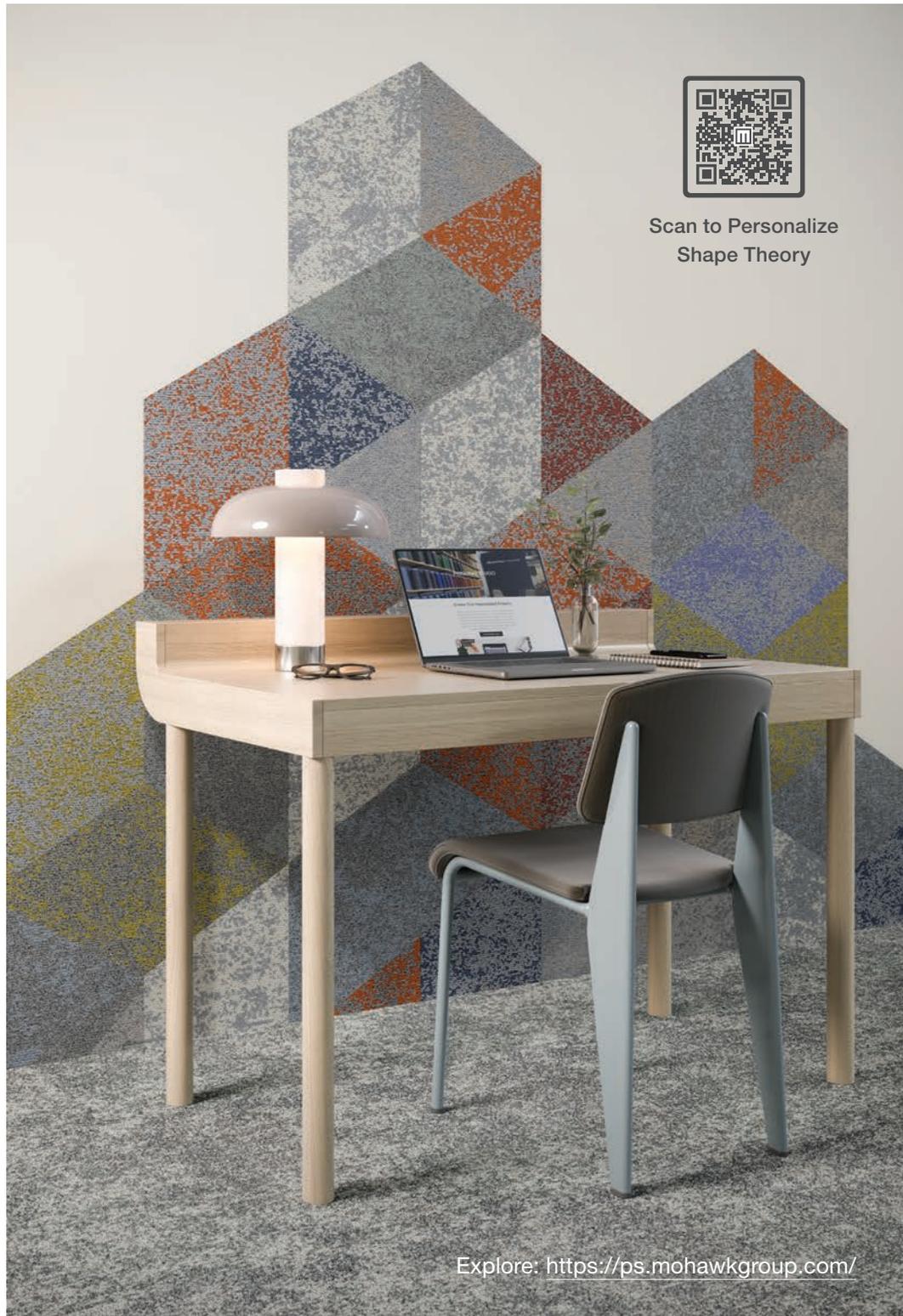
Cartesian Plane, 971 Golden Ratio, Vertical Ashlar  
Corresponding Angle, 987 Discrete Diamond, Vertical Ashlar  
Terrazzo, 722 Mercato



# Personal Studio

FLOORING PERSONALIZED BY YOU

Bring the Shape Theory collection to life with Personal Studio. Personalize colors for your project, visualize them in a variety of spaces and order samples.



# Better for People and Planet

Our future depends on the work we do today. At Mohawk, commitment to our planet extends beyond just products and processes: it's how we challenge ourselves to do and be better every day, how we make decisions, how we reinvest in our people and our planet, and how we define what matters most as we work to deliver value for generations to come.



## Human Health

- Declare Red List Free**
- Health Product Declaration**
- Green Label Plus Certification**

Mohawk Group is proud to provide products free of Red List chemicals with verified documentation of their impact throughout the lifecycle, with Green Label Plus certification for better indoor air quality.



## Climate Health

- UL Certified EPD**
- Living Product Challenge Petal Certified**

### Beyond Carbon Neutral

Carbon neutral PLUS an additional 5% carbon offset for a net-positive impact on the environment.

### Net Zero Carbon Emissions by 2040

We've signed The Climate Pledge to be net zero by 2040 and have already started major changes to reduce our carbon footprint.

## Circular Economy

### End of Life Options

Salvageable/Reusable in its Entirety  
Take Back Program (ReCover)

## Ecosystem Health

### Neutral Is Not Enough

With the holistic improvement of the lifecycle of our flooring products – from full product transparency, to reduced water usage in manufacturing, to carbon neutrality and beyond – better is just the beginning.

### Water Positive

Mohawk Group balances all water on its Living Product Challenge Petal Certified carpet tiles by 105% for a net-positive impact on our waterways.





# Specifications

**Corresponding Angle** (BT599)  
**Cartesian Plane** (BT600)

## DESIGN

Size	24" x 24" (.6096 m x .6096 m)
Surface Appearance	Textured Patterned Multi-Colored Loop
Fiber Type	ColorStrand® SD Nylon
Dye Method	Solution Dyed
Colors Available	16 per Style

## PERFORMANCE

Construction	Tufted
Gauge	1/12" (47.00 rows per 10 cm)
Stain Release Technology	EcoSentry Plus Stain Protection
Soil Release Technology	EcoSentry Soil Protection
Backing Material	EcoFlex Matrix
Flammability	ASTM E 648 - Class 1 (Glue Down)
Smoke Density	ASTM E 662 - Less than 450
Static Propensity	AATCC - 134 Under 3.5 KV

## SUSTAINABILITY

Certification	Living Product Challenge Petal Certified; Declare Red List Free
Indoor Air Quality	Green Label Plus Certified #1171
NSF 140	Gold
Carbon	Net Positive Carbon
Water	Net Positive Water

## SERVICE

Warranties	Lifetime Limited Carpet Tile Warranty, Lifetime Limited Colorfastness to Light, 10 Year Limited Colorfastness to Atmospheric Contaminants, 10 Year Stain Warranty, Lifetime Static
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The Shape Theory Collection is Living Product Challenge Petal Certified, for a net-positive impact in both carbon and water. We create these tiles in Glasgow, Virginia, at our Living Site facility using our ColorStrand solution-dyed nylon fiber and EcoFlex™ Matrix backing.

## EcoFlex™ Matrix

### BACKING

Using advanced materials and patented engineering, EcoFlex Matrix reduces environmental impact, simplifies floor preparation and installation, greatly reduces sub-floor moisture concerns, and is easier to ship and handle. NSF-140 Gold certified.



### FIBER

For over 15 years, ColorStrand fiber has continually exceeded the demanding expectations of our customers for their products. With the design flexibility and color intensity of solution-dyed fiber, ColorStrand delivers unsurpassed colorfastness to light, atmospheric contaminants, and harsh cleaning agents.



### LIVING PRODUCT CERTIFICATION

Produced at our Living Site, Shape Theory is Net Positive for both carbon and water and achieves Petal Certification from the International Living Future Institute by complying with multiple imperatives of all seven petals.



### NET-POSITIVE IMPACT

All of our flooring products go Beyond Carbon Neutral, meaning they are 100% carbon neutral plus an additional 5% carbon offset for a Net-Positive impact.



### SEAMLESS TRANSITIONS

Shape Theory does not require transition strips when used with any of our 2.5 mm LVT products, reducing installation time and costs.

### ADDITIONAL FEATURES

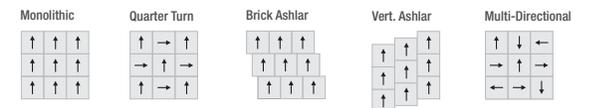
- Lifetime Limited Carpet Tile Warranty
- LEED, WELL & LBC Eligible
- Declare Red List Free
- CRI Green Label Plus
- NSF 140 Gold

## FLEXLOK+

### FLEXLOK+ ADHESIVE TAB

FlexLok is a worry-free, fume-free, fast and flexible adhesive tab for installing modular carpet on any substrate, including wood, VCT and concrete. The environmentally-friendly FlexLok system is CRI Green Label Certified, Declare Red List Free, and virtually eliminates VOCs.

### Installation Instructions:



Mohawk Group warrants its adhesives for the life of the original installation only when a Mohawk Group style (product) is installed. Mohawk's floor preparation procedures must be followed to ensure that the substrate has been prepared properly. The use of Mohawk branded adhesives is required to ensure optimum results and are the only approved adhesives warranted by Mohawk. Please contact your local Sales Representative for installation guidelines.

**These patterns contain inherent characteristics which may result in pattern run off and/or pattern appearance variations at the seams or tile edges (darker or lighter pattern lines). These characteristics are inherent in the patterns and are not manufacturing defects. Consideration to these characteristics should be given when selecting an installation method.**

Chair pads are recommended under office chairs with roller casters to preserve appearance retention, act as a deterrent toward delamination and to prevent premature or accelerated wear. Walk-off tiles from the Tuff Stuff II Collection are recommended at entryways to reduce soiling.

Mohawk Group is providing this architect folder for the purpose of promoting our commercial business. This folder and its samples shall remain the property of Mohawk Group. Color may vary from dye lot to dye lot. Substitution of material may be made due to improved technology, supply limitations or other factors. The performance of this product is not affected by such variations.

For current and complete specifications please visit [www.mohawkgroup.com](http://www.mohawkgroup.com)



877-3RE-CYCL



Produced with recycled materials