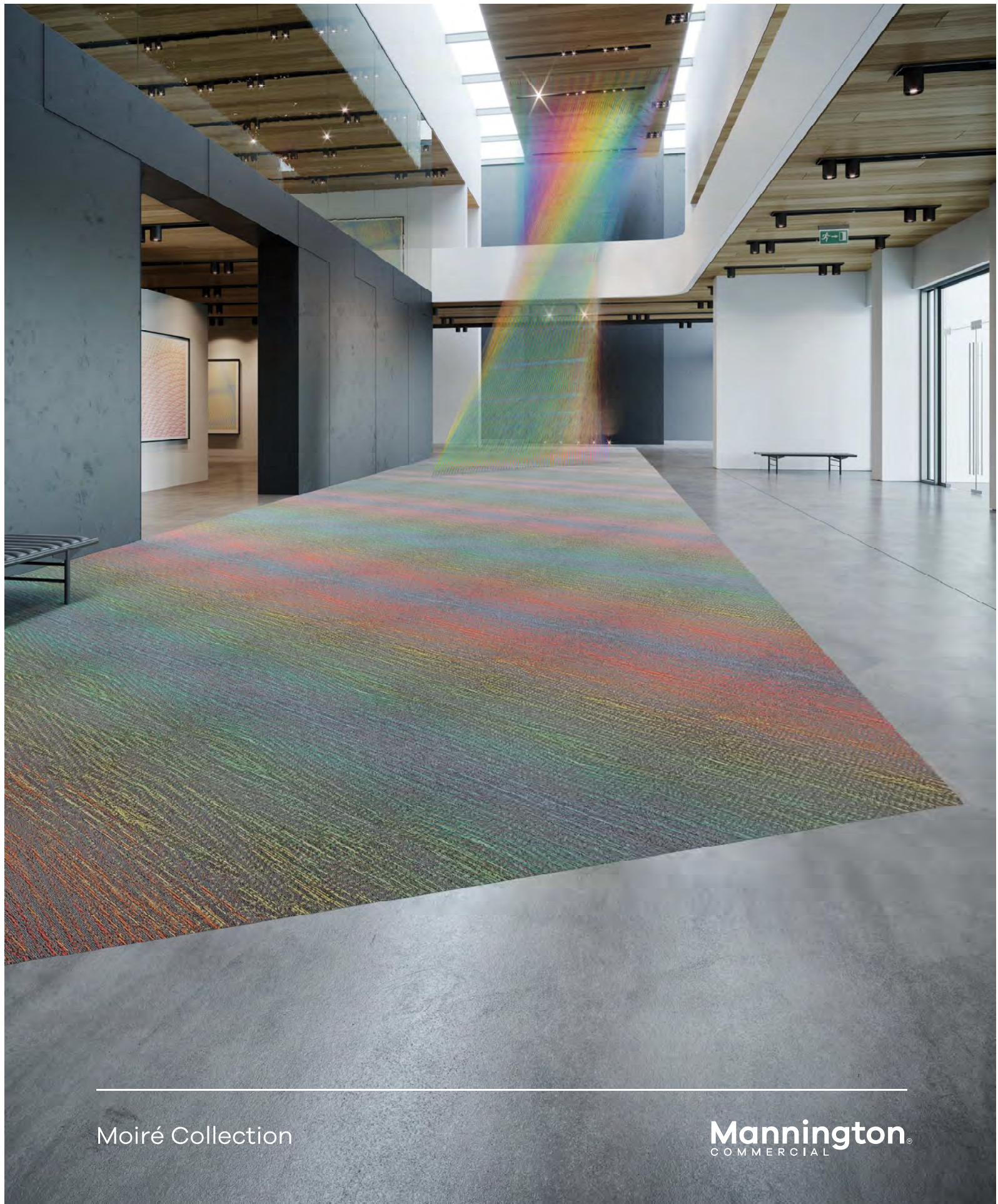




Moiré Collection

Mannington®
COMMERCIAL



Cover: Visible Light Broadloom - Full Spectrum 52788
Above: Pure Wavelength Modular - Frequency 13783
Installation - Horizontal Brick Ashlar



Ray Tracing Modular - Full Spectrum 52788, Prism 32786 (inset)
Installation - Vertical Ashlar (Prism turned 90 degrees)



Visible Light Broadloom - Prism 32786; **Spacia Stone** - Plaza Concrete SS5S3070



Ray Tracing Modular - Shine 15784; **Visible Light Modular** - Aura 24787 (Inset)
Installation - Herringbone



Visible Light Modular - Lumens 12782, Flux 72785 (inset)
Installation - Vertical Ashlar (Flux turned 90 degrees)



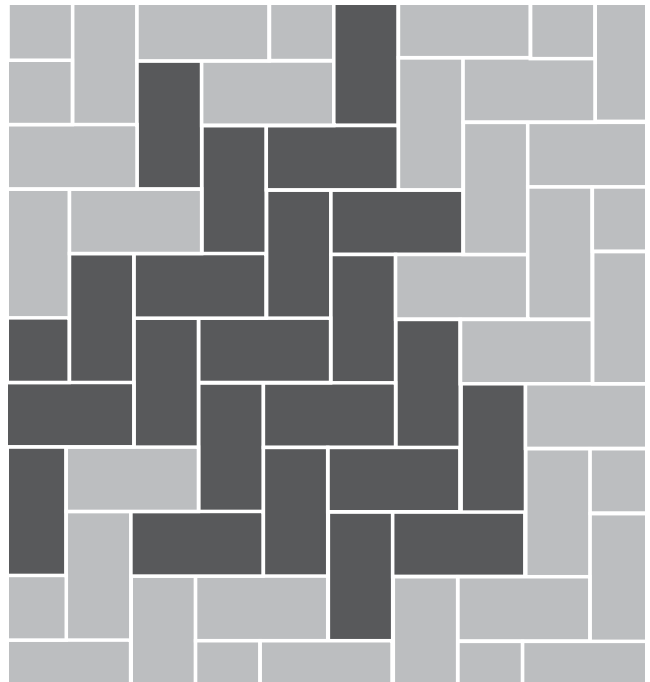
Visible Light Broadloom - Aura 24787; **City Park Windsor Oak** - Ashen CPC101

Sample Installations

Each modular plank in the Moiré Collection shows a small section of a larger color gradient. A package of planks includes a random mix of sections from the gradient of your choice. The planks should be installed with their visuals randomly mixed in order to achieve the design intent. We present just a few ideas here to show the array of layout possibilities with Moiré.



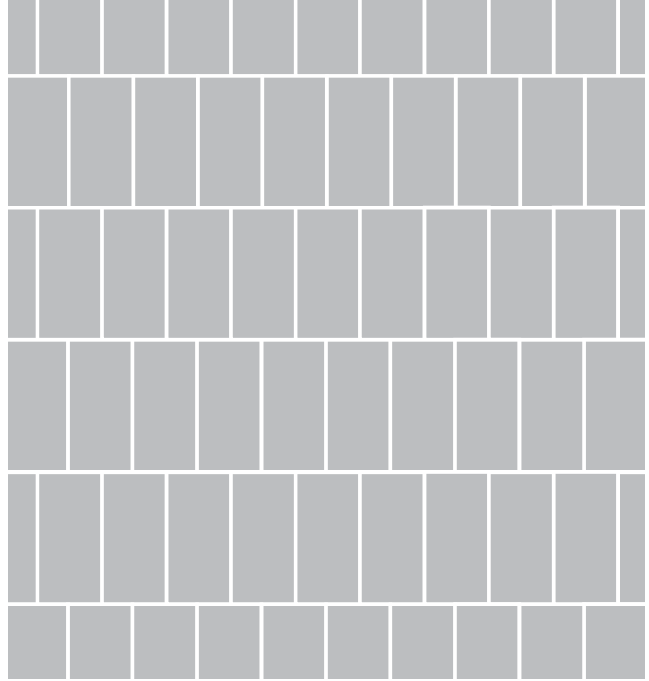
Ray Tracing Modular Shine 15784; **Visible Light Modular**
Aura 24787 (inset)



Herringbone Installation



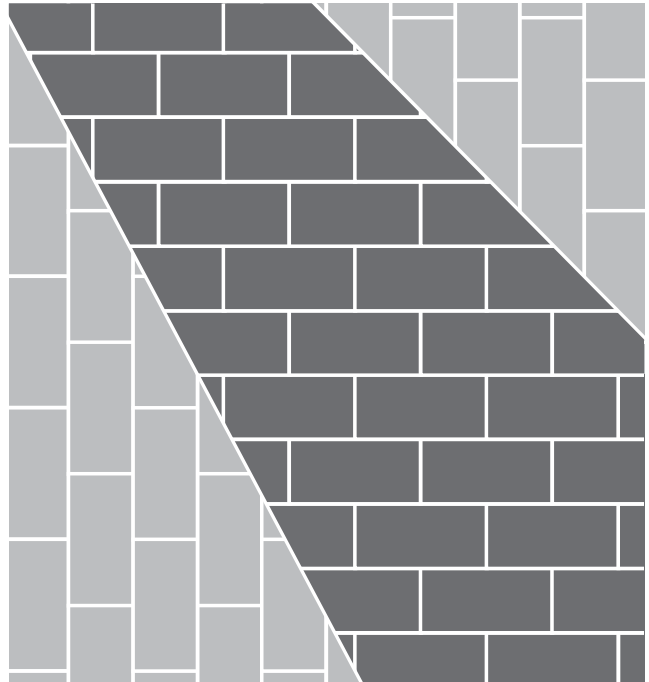
Pure Wavelength Modular Frequency 13783



Horizontal Brick Ashlar Installation



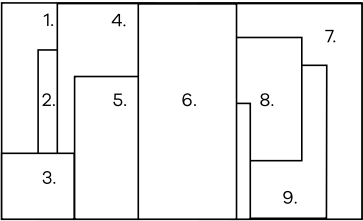
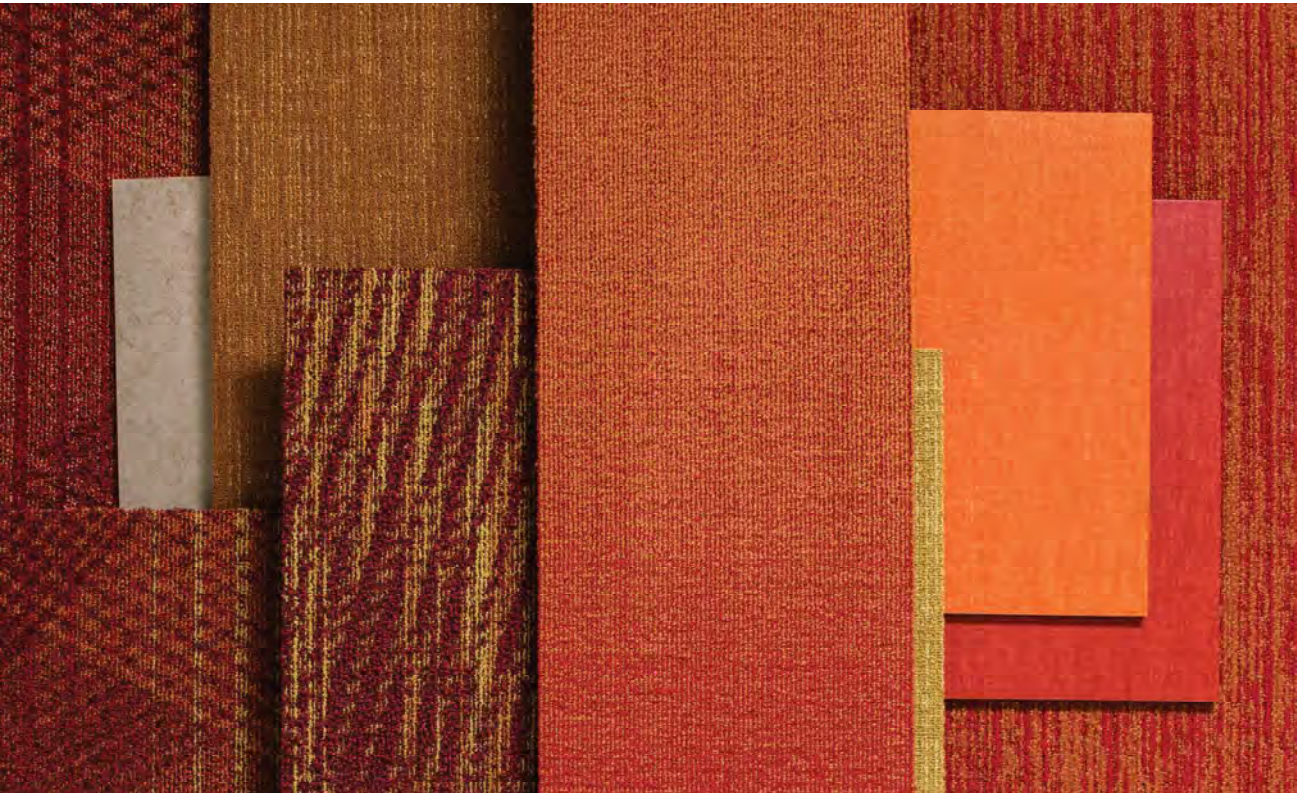
Visible Light Modular Lumens 12782 & Flux 72785 (inset)



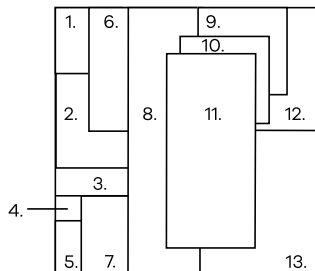
Vertical Ashlar Installation with 90 degree turn

Moiré Coordinates

Our flooring integrates seamlessly across product types and collections, so you can build an inspired flooring palette for your spaces without sacrificing form for function. Choose LVT or resilient sheet in stone visuals for a cool complement to the textural variety of Moiré. Bring in gradients and striations from other carpet collections for subtle pattern play. Reinforce or extend your color palette with the perfectly matching solid tones of the Color Anchor Collection, which spans all product types.



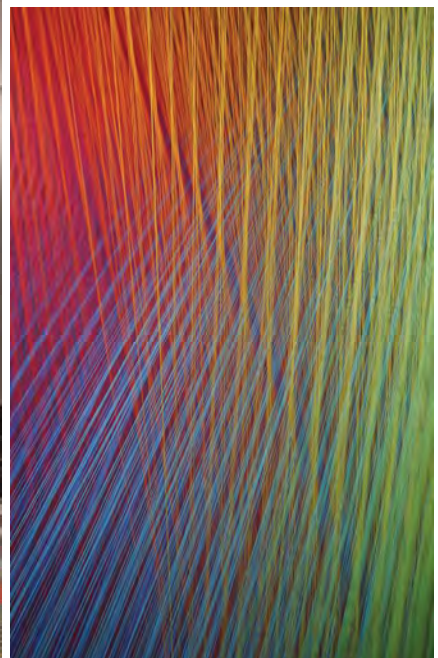
- 1. Moiré, Ray Tracing, Flux
- 2. Spacia Stone, Dry Stone, Alba
- 3. Moiré, Ray Tracing, Flux
- 4. Color Anchor, Flowerista
- 5. Moiré, Visible Light, Flux
- 6. Traction Avenue, Soft Tread, Turbo
- 7. Intrinsic, Merge, Security
- 8. Color Anchor, Groove, Squash Blossom
- 9. Color Anchor, Groove, Poppy Red
- 10. Color Anchor, Abuzz



1. Moiré, Visible Light, Lumens
2. Intrinsic, Merge, Justice
3. Moiré, Pure Wavelength, Lumens
4. Moiré, Visible Light, Lumens
5. Color Anchor, Stride, Canopy Green
6. Color Anchor, Squawk
7. Color Anchor, Stride, Squawk Box
8. Traction Avenue, Soft Tread, Chroma
9. Color Anchor, Stride, Sterling Gray
10. Spacia Stone, Plaza Concrete
11. Moiré, Pure Wavelength, Lumens
12. Moiré, Visible Light, Lumens
13. Intrinsic, Merge, Authenticity

Moiré Inspiration

The Moiré Collection was designed in collaboration with artist Gabriel Dawe and inspired by his large-scale art installations. Dawe uses miles of thread in delicate color gradations to create unique shapes of depth and volume, which are seemingly made of rays of light. He has described the moiré effect as inherent to the experience of his installations. The Moiré Collection translates both the delicate color work and dynamic patterning of Dawe's art into a versatile flooring solution.



Crafted with purpose

Moiré Collection

Style	Pure Wavelength (Modular)	Ray Tracing (Modular)
Construction	Tip-Sheared Patterned Loop	Tip-Sheared Patterned Loop
Face Fiber	Type 6,6 Nylon	Type 6,6 Nylon
Dye Method	Solution / Yarn	Solution / Yarn
Gauge	5/64 (50.39 per 10 cm)	5/64 (50.39 per 10 cm)
Stitches Per Inch	11.83 (46.57 per 10 cm)	11.33 (44.61 per 10 cm)
Density	6,711 (249.37 kg/m³)	6,677 (236.96 kg/m³)
Pile Thickness	0.118" (3.0 mm)	0.124" (3.15 mm)
Weight	22 oz/yd² (746 g/m²) Finished	24 oz/yd² (814 g/m²) Finished
Backing Type	Infinity® 2 Modular	Infinity® 2 Modular
Sizes	18" x 36" (45.72 x 91.44 cm)	18" x 36" (45.72 x 91.44 cm)
Colors	8	8
Packaging	8 yd² / 16 Tiles	8 yd² / 16 Tiles
Pattern Repeat	N/A	N/A
Adhesive	Infinity® 2 Adhesive	Infinity® 2 Adhesive
Installation Method	Vertical Ashlar, Horizontal Brick Ashlar, Herringbone	Vertical Ashlar, Horizontal Brick Ashlar, Herringbone
Testing		
Dimensional Stability AACHEN Test	Passes	Passes
Electrostatic Propensity (AATCC 134)	Less than 3.0 KV	Less than 3.0 KV
Radiant Panel (ASTM E648)	≥ 0.45 watts/cm², Passes (Class 1)	≥ 0.45 watts/cm², Passes (Class 1)
Smoke Density (ASTM E662)	≤ 450-Passes	≤ 450-Passes
Methenamine Pill Test (ASTM D2859)	Passes	Passes
Hexapod (ASTM D5252) TARR Rating	3.5	3.5
Environmental Data		
NSF / ANSI-140 Certification	Infinity® 2 Modular - Gold	Infinity® 2 Modular - Gold
Recycled Content	Contains Recycled Content	
Indoor Air Quality	CRI Green Label Plus Certified	
LEED Scoreboard	May contribute to LEED Credits: LEED 2009: MRc5 Regional Material; MRc6 Rapidly Renewable Materials; IEQ4.1 Low Emitting Adhesives; IEQ4.3 Low Emitting Materials - Flooring LEED v4: Building Product Disclosure & Optimization - EPDs; Building Product Disclosure & Optimization - Sourcing Raw Materials; IEQc2 - Low Emitting Materials	
mindful Materials	Visit mM Origin website, mindfulmaterials.org , for current transparency information	
Manufacturing	Calhoun, Georgia (USA) - ISO 14001 Registered	
Warranty		
	Limited Lifetime Wear & Backing Limited 15-Year XGUARD® Stain Resistant Limited 15-Year ColorSafe® Bleach Resistant	

- Specifications are based on averages from normal manufacturing tolerances. Such variations do not affect product performance.
- Protective chair pads are recommended under office chairs with roller castors to preserve appearance and avoid premature wear.
- As with all quality carpets, slight variation in color may occur from dye lot to dye lot.
- Backing or other materials may be changed without prior notice when shortages occur or when technological advancements provide improved product performance.
- This product is intended solely for use as an indoor floor covering and is not recommended or sold for any other purpose.
- The inherent characteristics of geometric linear patterns can result in double-dark or double-light lines at the seam and to some extent pattern run-off or bias. This is not a manufacturing defect, and as such, should be considered when selecting a modular carpet installation method.
- Cut piles, cut and loops, and tip-sheared constructions are not recommended for heavy commercial traffic, corridors or through channeled traffic. Please contact your Mannington representative for information regarding these constructions and your specific end use application.
- Please make final selection from actual swatch. To order samples go to manningtoncommercial.com or call 800.241.2262 ext. 6913.

Moiré Collection

Style	Visible Light (Modular)	Visible Light (Broadloom)
Construction	Textured Patterned Loop	Textured Patterned Loop
Face Fiber	Type 6,6 Nylon	Type 6,6 Nylon
Dye Method	Solution / Yarn	Solution / Yarn
Gauge	5/64 (50.39 per 10 cm)	5/64 (50.39 per 10 cm)
Stitches Per Inch	12 (4724 per 10 cm)	12 (4724 per 10 cm)
Density	6,900 (256.39 kg/m³)	6,900 (256.39 kg/m³)
Pile Thickness	0.120" (3.05 mm)	0.120" (3.05 mm)
Weight	23 oz/yd² (780 g/m²)	23 oz/yd² (780 g/m²)
Backing Type	Infinity® 2 Modular	UltraBac® RE, Integra HP®
Sizes	18" x 36" (45.72 x 91.44 cm)	12'6" (3.81 m)
Colors	8	8
Packaging	8 yd² / 16 Tiles	N/A
Pattern Repeat	N/A	75" W x 77" L (190.50 x 195.58 cm)
Adhesive	Infinity® 2 Adhesive	Mannington Ultra Adhesive, Mannington Integra-2 Adhesive
Installation Method	Vertical Ashlar, Horizontal Brick Ashlar, Herringbone	N/A
Testing		
Dimensional Stability AACHEN Test	Passes	Passes
Electrostatic Propensity (AATCC 134)	Less than 3.0 KV	Less than 3.0 KV
Radiant Panel (ASTM E648)	≥ 0.45 watts/cm², Passes (Class 1)	≥ 0.45 watts/cm², Passes (Class 1)
Smoke Density (ASTM E662)	≤ 450-Passes	≤ 450-Passes
Methenamine Pill Test (ASTM D2859)	Passes	Passes
Hexapod (ASTM D5252) TARR Rating	3.5	3.5
Environmental Data		
NSF / ANSI-140 Certification	Infinity® 2 Modular - Gold	UltraBac® RE - Platinum, Integra HP® - Gold
Recycled Content	Contains Pre Consumer Recycled Content	
Indoor Air Quality	CRI Green Label Plus Certified	
LEED Scoreboard	May contribute to LEED Credits: LEED 2009: MRc5 Regional Material; MRc6 Rapidly Renewable Materials; IEQ4.1 Low Emitting Adhesives; IEQ4.3 Low Emitting Materials - Flooring LEED v4: Building Product Disclosure & Optimization - EPDs; Building Product Disclosure & Optimization - Sourcing Raw Materials; IEQc2 - Low Emitting Materials	
mindful Materials	Visit mM Origin website, mindfulmaterials.origin.build, for current transparency information	
Manufacturing	Calhoun, Georgia (USA) - ISO 14001 Registered	
Warranty		
	Limited Lifetime Wear & Backing Limited 15-Year XGUARD® Stain Resistant Limited 15-Year ColorSafe® Bleach Resistant	

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