



Origami Collection

Mannington
COMMERCIAL



Cover: Mountain Fold Modular & Valley Fold Modular - Elephant 13396
Installation - Monolithic
Above: Mountain Fold Modular - Elephant 13396
Installation - Monolithic



Fan Fold Modular, Mountain Fold Modular & Valley Fold Modular - Elephant 13396
Installation - Monolithic



Valley Fold Modular - Elephant 13396
Installation - Monolithic





Fan Fold Modular - Elephant 13396
Installation - Monolithic

With industry-leading fiber systems and superior manufacturing, our carpets look better and last up to 75% longer than any other carpet in the marketplace.



Proven by Third-Party Testing

Every carpet we make at Mannington Commercial is third-party tested and proven to exceed industry standards in appearance retention, texture retention, fire safety factors and static generation, and our modular carpet exceeds industry standards in dimensional stability – so you can be sure that the carpet you specify will perform for years to come.

Easier to Maintain

- > Antron® nylon features a unique, hollow-filament shape for exceptional soil hiding and cleanability.
- > XGUARD® Stain Resistant Technology provides long-term stain resistance for our space dye products.
- > ColorSafe® Bleach Resistant Technology resists color fade-out from bleach spills for our space dye products.
- > Moisture-barrier backings are built to withstand aggressive wet cleanings.

3.5 TARR

- > Mannington Commercial carpets are made with a minimum 3.5 TARR (Texture Appearance Retention Rating), meaning any carpet you specify will be able to withstand severe traffic. The 3.5 TARR on our carpets is tested and verified by an independent lab.

Sustainable Solutions

- > All of our carpets have EPDs and HPDs.
- > Infinity® 2 Modular backing is NSF/ANSI 140 Gold Certified and contains recycled content
- > UltraBac® RE broadloom backing is NSF/ANSI 140 Platinum Certified and contains a minimum of 10% post-consumer recycled content.

Backing Advantages

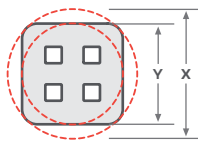
- > Infinity® 2 Modular backing provides exceptional performance with a moisture barrier.
- > Infinity® 2 Modular backing offers superior tuft bind and dimensional stability with a limited lifetime warranty.
- > UltraBac® RE broadloom backing offers strong performance and excellent environmental benefits with a limited lifetime warranty.



Antron® type 6,6 nylon is engineered with stain and soil protection and offers long-lasting texture retention. Antron® fiber is designed for a more effective, longer-lasting clean, helping to reduce your total cost of ownership and contributing to a cleaner facility.

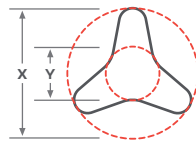
Better Shape, Better Performance

Antron® fiber has a sturdy, 4-hole hollow filament shape that makes it more resistant to crushing and matting than type 6 nylon fiber.



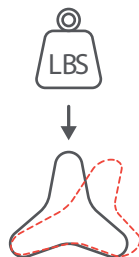
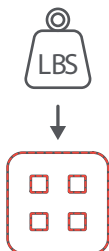
Antron® Fiber
4-hole hollow filament

< 1.5 MR (Modification Ratio)



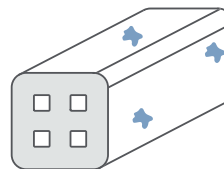
Common Type 6 Nylon
trilobal filament

+ 2 MR (Modification Ratio)

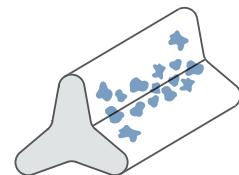


Soil Resistance

Unlike a typical type 6 nylon fiber, the unique shape and low modification ratio of Antron® fiber does not provide anywhere for dirt to collect. This ensures better soil release during vacuuming and hot water extraction. Between cleanings, the 4-hole hollow filament structure also diffuses light, reducing the appearance of soil and helping the carpet look cleaner.



Antron® Fiber
4-hole hollow filament



Common Type 6 Nylon
trilobal filament

XGUARD® Stain Resistance

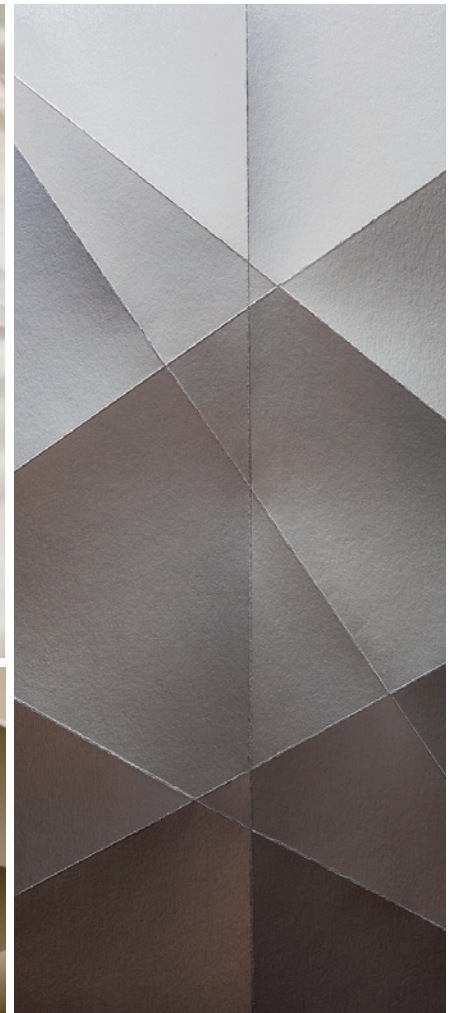
Carpets with Mannington Commercial's proprietary XGUARD® stain resistant technology offer the highest level of performance in permanent stain resistance. Protection against common stains as well as ease of maintenance result in long-term appearance retention and extend the life of the carpet.

ColorSafe® Bleach Resistance

Mannington Commercial's ColorSafe® bleach resistant technology works from within the fiber to protect carpets against bleach and maintain colorfastness. Carpets with ColorSafe® are protected from occasional spills and drips of diluted disinfecting bleach solution, ensuring that colors remain bright and that the carpet can withstand the toughest cleaning conditions.

Behind the Fold

The Origami Collection takes an intimate look at the art of paper folding and its influences on craft. Created in partnership with HOK Product Design®, the collection deftly combines pattern, scale and line weight to sculpt complexity out of simplicity and high design out of understatement. Three exquisite patterns are individually versatile or can be combined for dynamic layouts. With a compelling blend of geometric and organic aesthetics, Origami brings abstract luxury to modern spaces.



Origami Collection

Style	Fan Fold Broadloom	Fan Fold Modular (Non-Ortho Phthalate)
Construction	Textured Patterned Loop	Textured Patterned Loop
Face Fiber	Antron® Lumena™ Type 6,6 Nylon	Antron® Lumena™ Type 6,6 Nylon
Dye Method	Solution	Solution
Gauge	5/64 (50.39 per 10 cm)	5/64 (50.39 per 10 cm)
Stitches Per Inch	9.33 (36.73 per 10 cm)	9.33 (36.73 per 10 cm)
Density	6,171 (229.30 kg/m³)	6,171 (229.30 kg/m³)
Pile Thickness	0.140" (3.56 mm)	0.140" (3.56 mm)
Weight	24 oz/yd² (814 g/m²)	24 oz/yd² (814 g/m²)
Backing Type	UltraBac® RE	Infinity® 2 Modular
Sizes	12'6" (3.81 m)	24" x 24" (60.96 x 60.96 cm)
Colors	12	12
Pattern Repeat	18.75" W x 25.75" L (47.625 x 65.405 cm)	N/A
Packaging	N/A	6.22 yd² / 14 Tiles
Adhesive	Mannington Ultra Adhesive	Infinity® Adhesive
Installation Method	N/A	Horizontal Brick Ashlar, Monolithic, Vertical Ashlar
Testing		
Dimensional Stability (Aachen Test)	Passes	
Electrostatic Propensity (AATCC 134)	Less than 3.0 kV	
Flooring Radiant Panel (ASTM E648)	Passes - Class 1; ≥ 0.45 watts/cm²	
Smoke Density (ASTM E662)	Passes - ≤ 450	
Methenamine Pill Test (ASTM D2859)	Passes	
Hexapod (ASTM D5252) TARR	3.5	
Environmental Data		
NSF/ANSI 140 Certification	UltraBac® RE - Platinum, Infinity® 2 Modular - Gold	
Recycled Content	Contains recycled content	
Indoor Air Quality	CRI Green Label Plus Certified	
Product Declarations	EPD, HPD	
LEED Scoreboard	May contribute to LEED credits: LEED 2009: MRc5 Regional 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; Building Product Disclosure & Optimization - Material Ingredients; IEQc2 - Low Emitting Materials	
mindful MATERIALS	Visit mM Origin website, mindfulmaterials.origin.build, for current transparency information	
Manufacturing	Calhoun, GA (USA) - ISO 14001 Registered	
Warranty		
	Limited Lifetime Wear & Backing Warranty	
	Limited 15 Year XGUARD® Stain Resistant Warranty	
	Limited 15 Year ColorSafe® Bleach Resistant Warranty	

- 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 casters 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.
- Please make your final selection from an actual swatch. To order samples, go to manningtoncommercial.com or call 800.241.2262 ext. 6913.

Origami Collection

Style	Mountain Fold Modular (Non-Ortho Phthalate)	Valley Fold Modular (Non-Ortho Phthalate)
Construction	Textured Patterned Loop	Textured Patterned Loop
Face Fiber	Antron® Lumena™ Type 6,6 Nylon	Antron® Lumena™ Type 6,6 Nylon
Dye Method	Solution	Solution
Gauge	5/64 (50.39 per 10 cm)	5/64 (50.39 per 10 cm)
Stitches Per Inch	8.83 (34.76 per 10 cm)	9.16 (36.06 per 10 cm)
Density	6,171 (229.30 kg/m³)	7,005 (267.54 kg/m³)
Pile Thickness	0.140" (3.56 mm)	0.185" (4.70 mm)
Weight	24 oz/yd² (814 g/m²)	24 oz/yd² (814 g/m²)
Backing Type	Infinity® 2 Modular	Infinity® 2 Modular
Sizes	24" x 24" (60.96 x 60.96 cm)	24" x 24" (60.96 x 60.96 cm)
Colors	12	12
Pattern Repeat	N/A	N/A
Packaging	6.22 yd² / 14 Tiles	6.22 yd² / 14 Tiles
Adhesive	Infinity® Adhesive	Infinity® Adhesive
Installation Method	Horizontal Brick Ashlar, Monolithic, Vertical Ashlar	Horizontal Brick Ashlar, Monolithic, Vertical Ashlar
Testing		
Dimensional Stability (Aachen Test)	Passes	
Electrostatic Propensity (AATCC 134)	Less than 3.0 kV	
Flooring Radiant Panel (ASTM E648)	Passes - Class 1; ≥ 0.45 watts/cm²	
Smoke Density (ASTM E662)	Passes - ≤ 450	
Methenamine Pill Test (ASTM D2859)	Passes	
Hexapod (ASTM D5252) TARR	3.5	
Environmental Data		
NSF/ANSI 140 Certification	Infinity® 2 Modular - Gold	
Recycled Content	Contains recycled content	
Indoor Air Quality	CRI Green Label Plus Certified	
Product Declarations	EPD, HPD	
LEED Scoreboard	May contribute to LEED credits: LEED 2009: MRc5 Regional 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; Building Product Disclosure & Optimization - Material Ingredients; IEQc2 - Low Emitting Materials	
mindful MATERIALS	Visit mM Origin website, mindfulmaterials.origin.build, for current transparency information	
Manufacturing	Calhoun, GA (USA) - ISO 14001 Registered	
Warranty		
	Limited Lifetime Wear & Backing Warranty	
	Limited 15 Year XGUARD® Stain Resistant Warranty	
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