

R A F F I A





Cover: RAFFIA BROADLOOM - Acorn 84334

Above: RAFFIA MODULAR - Broom 42332 (Installation - Horizontal Brick Ashlar)

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|-------------------|--------------------------------|-------------------|-------------------------------------|
| Construction | Textured Patterned Loop | Pile thickness | 0.140" (3.56 mm) |
| Face fiber | Antron® Legacy™ Type 6,6 Nylon | Weight | 21 oz/sq yd (712 g/m ²) |
| Dye method | Solution / Yarn | Density | 5,400 (200.65 Kg/m ³) |
| Gauge | 5/64 (50.39 per 10 cm) | Secondary backing | Infinity® Modular |
| Stitches per inch | 9.83 (38.70 per 10 cm) | Width | 24" x 24" (60.96 x 60.96 cm) |
| | | Installation | Horizontal Brick Ashlar |



RAFFIA BROADLOOM - Broom 42332

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| Construction | Textured Patterned Loop | Pile thickness | 0.140" (3.56 mm) |
| Face fiber | Antron® Legacy™ Type 6,6 Nylon | Weight | 21 oz/sq yd (712 g/m ²) |
| Dye method | Solution / Yarn | Density | 5,400 (200.65 Kg/m ³) |
| Gauge | 5/64 (50.39 per 10 cm) | Secondary backing | UltraBac® RE, Integra® HP |
| Stitches per inch | 9.83 (38.70 per 10 cm) | Width | 12' 6" (3.81 m) |
| | | Pattern repeat | 74.75" W x 55.75" L (189.87 x 141.61 cm) Install random at seams. |

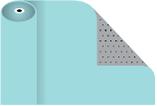
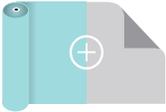


Entwined Collection - MOSO BROADLOOM - Acorn 84334

For other companion products to Raffia please see the Entwined Collection.

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|-------------------|--------------------------------|-------------------|--|
| Construction | Textured Patterned Loop | Pile thickness | 0.140" (3.56 mm) |
| Face fiber | Antron® Legacy™ Type 6,6 Nylon | Weight | 22 oz/sq yd (746 g/m ²) |
| Dye method | Solution / Yarn | Density | 5,657 (210.20 Kg/m ³) |
| Gauge | 5/64 (50.39 per 10 cm) | Secondary backing | UltraBac® RE, Integra® HP |
| Stitches per inch | 9.83 (38.70 per 10 cm) | Width | 12' 6" (3.81 cm) |
| | | Pattern repeat | 75" W x 49" L (190.50 x 124.46 cm) Install random at seams. |

PERFORMANCE AND FEATURES

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|  | <p>AVAILABLE SIZES</p> | <p>Available in 24" x 24" tile and 12' 6" broadloom.</p> |
|  | <p>XPRESS</p> | <p>When you really need it now. Our innovative delivery program ensures that you get the carpet and hard surface products you need quickly and reliably. With product available to ship within 5 business days, Mannington's Xpress program leads the industry in service. To see a full list of Mannington's Xpress products, visit www.mannington.com/commercial/xpress.aspx</p> |
|  | <p>ANTRON® FIBER</p> | <p>Antron® Nylon 6,6 provides up to 40% better fade resistance, up to 65% better soil resistance and 2.5x better texture retention. Carpets with Antron fiber can last up to 75% longer. Certified as an Environmentally Preferable Product.</p> |
|  | <p>COLORSAFE®</p> | <p>Proprietary Bleach Resistant Technology resists color fade from bleach spills and splashes. Limited 15-Year ColorSafe® Bleach Resistant Warranty.</p> |
|  | <p>XGUARD®</p> | <p>XGUARD® Stain Resistant Technology offers the highest level of performance in permanent stain resistance. Protection against common stains and ease of maintenance results in significant long-term appearance retention and a lower total cost of ownership. Limited 15-Year XGUARD® Stain Resistant Warranty.</p> |
|  | <p>INFINITY® MODULAR</p> | <p>Modular backing engineered for strong performance, with excellent tuft bind and dimensional stability. Resists delamination, edge ravel, pilling and fuzzing, and withstands aggressive wet cleanings. Available in standard 24"x24" tiles. Infinity® modular contains pre-consumer recycled content. Certified NSF/ANSI-140 Gold.</p> |
|  | <p>ULTRABAC® RE</p> | <p>Mannington's standard broadloom backing affords both environmental and performance attributes. Contains a minimum of 10% post-consumer recycled content by total product weight and is certified NSF/ANSI-140 Platinum. All products on UltraBac® RE are backed with a lifetime non-prorated warranty to not edge ravel, zipper or delaminate.</p> |
|  | <p>INTEGRA® HP</p> | <p>Integra® HP is our high performance integrated broadloom backing system with pre-consumer recycled content. Provides an impermeable moisture barrier, eliminates wick-back staining and can be chemically welded for an aseptic barrier. Resists delamination, edge ravel, moisture penetration, pilling and fuzzing, and withstands aggressive wet cleanings. Available in 9' & 12' widths for corridors. Certified NSF/ANSI-140 Gold. Passes British spill test and is backed with a Lifetime Non-Prorated Backing Warranty.</p> |
|  | <p>SEAM+ADVANTAGE</p> | <p>Leveraging years of experience manufacturing hard and soft surface flooring, we have designed our resilient sheet, LVT, and Integra HP performance broadloom carpet to be chemically welded to each other. Providing exceptional lateral seam strength, moisture barrier, resistance to bacterial growth, lower profile for safer foot traffic, ease of roller mobility, and seamless transitions from surface to surface.</p> |
|  | <p>WARRANTY</p> | <p>Limited Lifetime Wear & Backing Warranty.</p> |

SUSTAINABILITY

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|  | <p>ENVIRONMENTAL PRODUCT DECLARATION</p> | <p>EPDs communicate the comprehensive life cycle assessment of a product's environmental impact and facilitate transparency. Our EPDS conform to international standards and are 3rd party verified by SSC and NSF International.</p> |
|  | <p>SOLAR ARRAY</p> | <p>At 3.3 acres, we have one of the largest solar arrays in the flooring industry generating 1,000,000 kilowatt hours annually.</p> |
|  | <p>ENERGY LEADERSHIP</p> | <p>With one of the largest solar arrays in the flooring industry (3.3 acres in Salem NJ) and ambitious goals to improve energy efficiency by 25% over ten years, we have an ongoing partnership with the Department of Energy to lead manufacturing into smarter energy use, as well as to reduce related carbon emissions.</p> |
|  | <p>WATER REDUCTION</p> | <p>Water is a precious natural resource and a key component in manufacturing. By investing in technology and a continual emphasis on efficiency and lean manufacturing, we have reduced our water use by more than 35% since 2007. We also actively help protect wetlands in the communities where we make flooring.</p> |
|  | <p>US MANUFACTURING</p> | <p>Mannington is a fourth generation, family-owned company deeply committed to U.S. manufacturing. We make flooring in eight communities across the U.S., allowing us to provide the highest levels of service and quality in the industry, while supporting local economies and crafting quality, American-made products.</p> |
|  | <p>3RD PARTY CERTIFICATIONS</p> | <p>Certifications help navigate the world of green marketing claims. So we invest in ISO-14001 and environmentally preferable product certifications including NSF/ANSI-140, NSF/ANSI-332, FloorScore, and Green Label Plus. All of our products may contribute to multiple LEED and Green Globe credits.</p> |
|  | <p>LOOP®</p> | <p>We have a responsible end-of-life plan for the products we manufacture. Through our LOOP® reclamation, we take back post-consumer carpet and closed-loop recycle it back into carpet. We also have closed-loop recycling processes in place for our VCT and LVT products and produce the only carpet-to-hard surface flooring – resilient sheet with 35% recycled content.</p> |
|  | <p>RECYCLED CONTENT</p> | <p>We actively seek out waste streams that clog America's landfills, looking for innovative ways to use them in new products. On average, 15 tons per month of drywall, the construction industry's largest waste stream, finds new life in our VCT products. We also reclaim post-consumer carpet and tile from other flooring companies, as well as tires, telephone books, automotive glass, and other waste streams that contribute to landfills, incorporating them into carpet and hard surface flooring.</p> |
|  | <p>SAMPLE RETURN</p> | <p>We offer a postage-paid return label for every commercial product sample that we ship. So when you are finished with your project, you can return the sample. We will send it on to the next user; and at the end of its useful life, we donate samples to local charities, churches, schools and civic groups.</p> |
|  | <p>PURPLE MARTINS</p> | <p>In the mid-1980s, we began attracting migrating birds called Purple Martins to our New Jersey manufacturing campus as a more natural alternative to the use of pesticides. This "Purple Martin Project" has proven to be an incredibly environmentally friendly and cost effective way to control insects. Our employees are engaged in the banding and tracking of the birds.</p> |

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|  | <p>HONEYBEES</p> | <p>In 2009, as part of an effort to show how an industrial enterprise can co-exist with the agricultural & farming community and positively contribute to both, Mannington's New Jersey corporate site began to house honeybees, and now have 5 hives in Salem, NJ and 4 in Eustis, FL. The honey bees are thriving and each year we are able to enjoy and share the honey we produce.</p> |
|  | <p>ISO 14001</p> | <p>ISO 14001 is a global environmental standard that provides a system for continual improvement in environmental performance.</p> |
|  | <p>CRI GREEN LABEL PLUS</p> | <p>GL+ is an independent carpet testing program that exceeds the CHPS indoor environmental quality standards for low-emitting products used in commercial settings. All Mannington Commercial carpet products pass CRI Green Label Plus certification for low VOC emissions.</p> |
|  | <p>CE MARK</p> | <p>Certifies that a product has met EU health, safety, and environmental requirements, which ensure consumer safety. Manufacturers in the European Union (EU) and abroad must meet CE marking requirements where applicable in order to market their products in Europe.</p> |
|  | <p>CLIMATE REGISTRY</p> | <p>Mannington is dedicated to reducing our greenhouse gas emissions by 25% over 10 years. Since 2007, a 10% reduction can be attributed to energy efficiencies, process efficiencies, and use of renewable energy. Additional information can be found on theclimateregistry.org.</p> |



- 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.
- 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 to avoid premature wear.
- As with all quality carpets, slight variation in color may occur from dye lot to dye lot.
- Backings 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.

