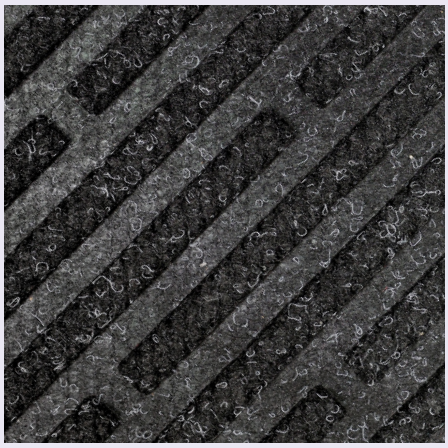
MATWORKS
PROTECT EVERY STEP

Product Specifications Sheet

REPP-Tile



REPP-Tile is a high-performance entryway carpet tile that never has to end up in the landfill. Made from recycled PET, these tiles provide exceptional durability, stain resistance, and fade resistance.

- REPP-Tile flooring is a high-performance polyester entryway tile that never has to end up in a landfill.
- REPP-Tile brings you the durability and stain resistance of recycled polyethylene terephthalate (PET) in a form that can be recycled again and again.
- When this high-performance product reaches the end of its lifecycle - typically 5 years - it can be recycled and find new life in another REPP-Tile.
- The MatWorks manages the entire process from installation to removal and recycling, meaning that your role is not only hassle-free, but you can rest assured that no materials go to waste.
- Installation services available.

Product Specifications	Information
Manufacturing Process	Non-Woven Mold Pressed
Surface Construction	WaterHog Bi-Level Structure
Face Fiber	100% Post Consumer Recycled Polyester
Backing	REPP-Flex Universal Backing
Installation	Glue down or Tacfast
Tile Size	19.69 x 19.69 in.
Overall Thickness	0.375 in.
Pile Height	0.285 in.
Pile Weight	70 oz/sy

Product Specifications	Testing Standards	Information
Dynamic Coefficient of Friction	EN 13893	0.45
Flammability - Fire Rating	ISO 11925-2	PASS - Class 1
Durability - Hexapod	ASTM D5252	PASS - 3.5
Color Fastness - Light	AATCC 16	Grade 5
Color Fastness - Water	AATCC TM107	Grade 5
Color Fastness - Shampoo	AATCC TM61	Grade 5
Electrostatic Propensity	AATCC 134	Pass - >2.6KV
Sand and Dirt Rentention	High Suction	0.64%
Sand and Dirt Rentention	Low Suction	3.12%
Dynamic Loading	ISO BS	Pass
Static Loading	ISO BS 4939	Pass
LEED Points	Credit 4 - NC v3	100% Recycled content
LEED Points	Credit 4.1 - NC v3	VOC - 0 per gallon
LEED Points	Credit 5 - NC v3	Need 10' installed per entrance

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REPP-Tile

SECTION 09 68 13 – ENTRANCE CARPET TILE

PART 1 – GENERAL

1.1 SUMMARY

A. Furnish and install modular entrance carpet tile systems at building entrances and transition zones as indicated.

B. Work includes surface preparation, installation, accessories, and coordination with adjacent materials.

1.2 REFERENCES

Comply with the following standards, as applicable:

- EN 13893 – Dynamic Coefficient of Friction
- ISO 11925-2 – Flammability
- ASTM D5252 – Hexapod Durability
- AATCC 16 – Color Fastness to Light
- AATCC TM107 – Color Fastness to Water
- AATCC TM61 – Color Fastness to Shampoo
- AATCC 134 – Electrostatic Propensity
- ISO BS 4939 – Static Loading

1.3 SUBMITTALS

Product Data: Manufacturer's technical data sheet.

Samples: Representative tile samples showing color and texture.

Sustainability Documentation:

1. 100% recycled content verification
2. VOC = 0 g/L documentation

1.4 QUALITY ASSURANCE

A. Installation shall comply with manufacturer's written instructions.

B. Materials shall be supplied from a single manufacturer.

1.5 WARRANTY

A. See Section 017800 - Closeout Submittals, for additional warranty requirements.

B. Warranty: MatWorks provides a five (5) year limited manufacturer's warranty covering defects in materials and product performance resulting from manufacturing defects under normal use. For products installed by MatWorks, we also provide a one (1) year installation and workmanship warranty, covering defects resulting from the craftsmanship of our installation team.

1.6 DELIVERY, STORAGE, AND HANDLING

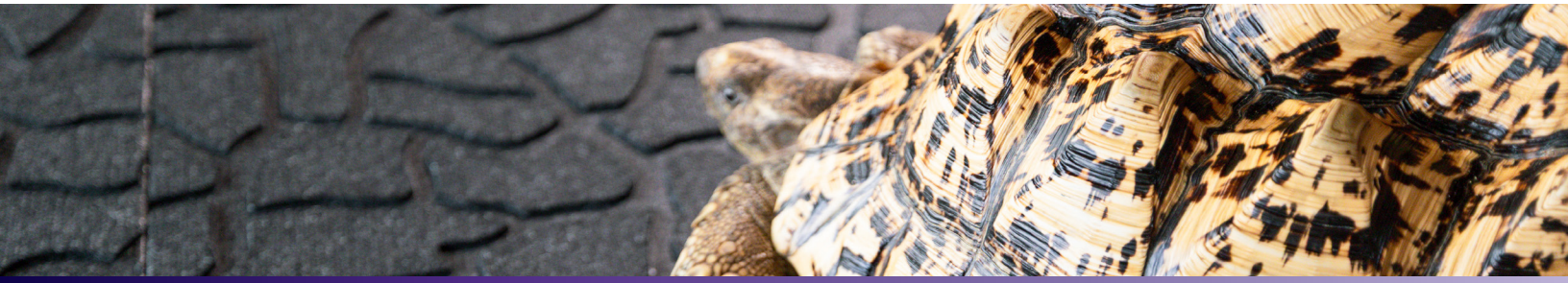
A. Deliver in original packaging.

B. Store in clean, dry, enclosed space.

1.7 PROJECT CONDITIONS

A. Install only after building is enclosed and substrate conditions are acceptable.

B. Maintain recommended temperature and humidity conditions.



PART 2 – PRODUCTS

2.1 MANUFACTURER

Basis of Design: **REPP-Tile® Entrance Carpet Tiles**
Manufacturer: **MatWorks**
Location: LaGrange, Georgia
Website: www.thematworks.com

2.2 ENTRANCE CARPET TILE MATERIALS

A. **Manufacturing Process:** Non-woven mold pressed
B. **Surface Construction:** WaterHog bi-level structure
C. **Face Fiber:** 100% post-consumer recycled polyester (PET)
D. **Backing:** REPP-Flex universal backing
E. **Installation Methods:** Glue-down or TacFast

2.3 PHYSICAL PROPERTIES

A. **Tile Size:** 19.69 in. x 19.69 in.
B. **Overall Thickness:** 0.375 in.
C. **Pile Height:** 0.285 in.
D. **Pile Weight:** 70 oz/sy

2.4 PERFORMANCE REQUIREMENTS

A. **Slip Resistance:** EN 13893 – 0.45
B. **Flammability:** ISO 11925-2 – Class 1 (Pass)
C. **Durability:** ASTM D5252 – Pass (3.5)
D. **Color Fastness:** Grade 5 (Light, Water, Shampoo)
E. **Electrostatic Propensity:** AATCC 134 – Pass (>2.6 kV)
F. **Soil Retention:**
   High Suction: 0.64%
   Low Suction: 3.12%
G. **Loading:**
   Dynamic Loading: Pass
   Static Loading: ISO BS 4939 – Pass

2.5 SUSTAINABILITY

A. **100% post-consumer recycled polyester**
B. **Closed-loop recyclable system**
C. **VOC Content:** 0 g/L
D. **LEED Contributions:**
   MR Credit 4 – *Recycled content*
   IEQ Credit 4.1 – Low-emitting materials
   IEQ Credit 5 – Entrance systems (10 ft minimum)

PART 3 – EXECUTION

3.1 EXAMINATION

A. Verify substrate is clean, dry, smooth, and free of debris, dust, and contaminants.
B. Where existing tile (VCT) is present, ensure all waxes and sealants are completely removed.
C. Verify door clearances prior to installation.
D. Flash patch uneven areas as required to provide a flat installation surface.

3.2 PREPARATION

A. Ensure work area is safe and does not obstruct pedestrian traffic during installation.
B. Seal subfloor with manufacturer-recommended latex sealer where required.
C. Confirm substrate and materials are above 65°F (19°C) prior to installation.

3.3 ACCESSORIES INSTALLATION (REDUCER STRIPS)

A. Aluminum Reducer Strip

Drill holes 4 inches deep using 1/4-inch drill bit.
Insert expansion anchors through strip into substrate.
Tap anchors into place and tighten securely.

B. Rubber Reducer Strip

Layout using masking tape for alignment.
Cut to fit perimeter; miter corners at 45°.
Bond corners with adhesive.
Apply contact cement to substrate and strip.
Install flush with adjacent surfaces to prevent trip hazards.
Mechanically fasten where required.

3.4 TAPE (TACFAST) INSTALLATION

A. Apply tape around entire perimeter and across traffic direction every 9.75 inches.
B. Ensure tape covers approximately 2 inches of tile edges and center.
C. Roll tape firmly with hand roller.
D. Remove protective film prior to tile placement.

3.5 TILE INSTALLATION

A. Install tiles in a checkerboard pattern, rotating alternate tiles 90 degrees.
B. Follow directional arrows on tile backing for pile orientation.
C. Maintain tight joints and consistent alignment throughout installation.

3.6 CLEANING & MAINTENANCE

A. Daily vacuum using commercial-grade vacuum with rotary brush.
B. Perform hot water extraction a minimum of four (4) times annually, increasing frequency based on traffic conditions.

3.7 PROTECTION

A. Protect installed flooring from damage during construction.
B. Replace damaged tiles prior to project closeout.