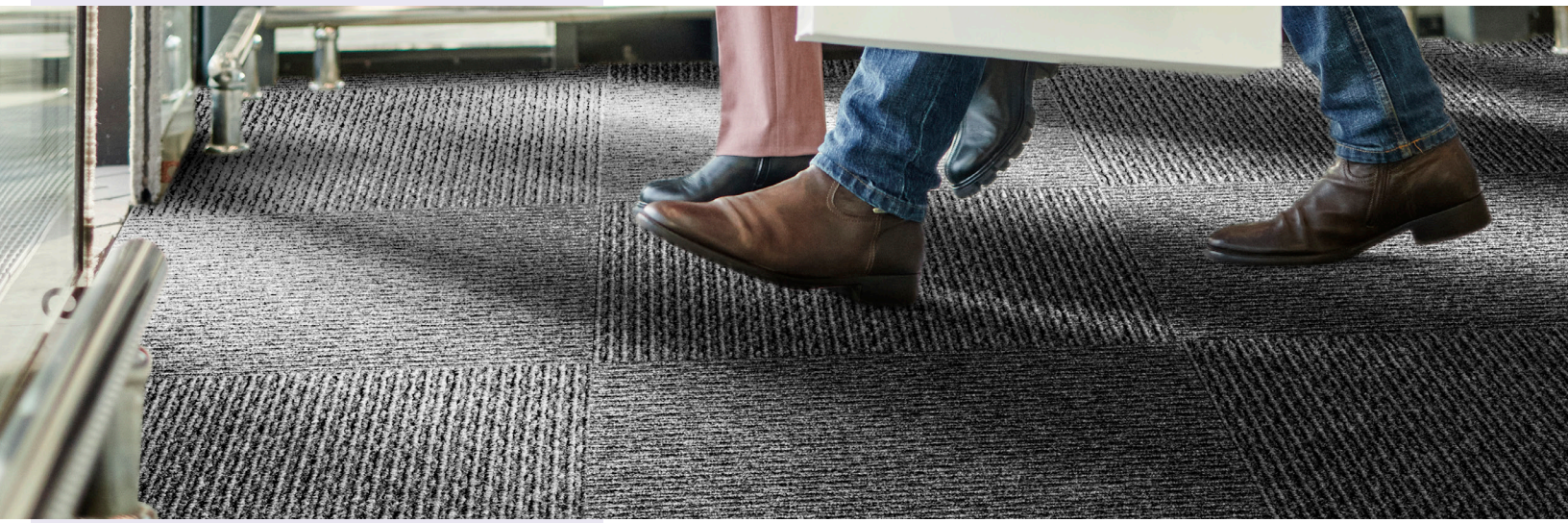
MATWORKS
PROTECT EVERY STEP

Product Specifications Sheet

Ambassador Tile



Durable carpet tiles with a ribbed surface and high-denier fiber blend that scrape dirt, debris, and moisture from shoes, offering superior floor protection, easy installation, and long-lasting performance.

- Ambassador is a highly durable entrance carpet tile designed to protect your customers and floors.
- Features double the industry standard of denier fiber, and a high solid resin construction, improving crush resistance and ensuring a longer service life.
- The ribbed surface pattern and unique fiber blend scrape dirt, debris, and moisture from shoes, helping prevent tracking throughout your facilities.

Product Specifications	Information
Manufacturing Process	Non-woven/Needle-punched
Surface Construction	Pocket structured loop pile
Face Fiber	80/20 Polypropylene & Polyester blend
Backing	Bitumen or Tacfast
Installation	Glue down or Tacfast
Tile Size	19.69 x 19.69 in.
Overall Thickness	0.43 in.
Pile Height	0.32 in.
Pile Weight	59 oz/sy

Product Specifications	Testing Standards	Information
Dimensional Stability	EN 986	Pass
Electrostatic Propensity	BS EN 1815	Pass -> 2kV
Electrical Resistance	IBM-ICL	Pass
Color Fastness - Light	ISO 105 B02	Grade 6
Color Fastness - Water	ISO 105 E01	Grade 5
Color Fastness - Shampoo	ISO 105 C06	Grade 5
Color Fastness - Rubbing	ISO 105 X12	Grade 5
Flammability - Radiant Panel	ASTM E648	Pass - Class II
Flammability - Smoke Density	ASTM E662	Pass
Dynamic Loading	ISO BS	Pass
Static Loading	ISO BS 4939	Pass
LEED Points	Credit 4 - NC v3	20% Recycled content
LEED Points	Credit 4.1 - NC v3	VOC - 0 per gallon
LEED Points	Credit 5 - NC v3	Need 10' installed per entrance

MATWORKS
PROTECT EVERY STEP

Product Specifications Sheet

Ambassador 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 on drawings and schedules.

B. Work includes surface preparation, carpet tile installation, and coordination with adjacent finishes.

1.2 REFERENCES

Comply with the following standards, as applicable:

- EN 986 – Dimensional Stability
- BS EN 1815 – Electrostatic Propensity
- IBM / ICL – Electrical Resistance
- ISO 105 Series – Color Fastness
- ASTM E648 – Radiant Panel
- ASTM E662 – Smoke Density
- ISO BS 4939 – Static Loading

1.3 SUBMITTALS

Product Data: Manufacturer's technical data sheet for Ambassador Entrance Carpet Tiles, including physical properties and performance testing.

1.4 QUALITY ASSURANCE

A. Manufacturer shall have a minimum of five (5) years' experience producing modular entrance carpet tile systems.

B. Installation shall be performed in accordance with manufacturer's published instructions.

1.5 DELIVERY, STORAGE, AND HANDLING

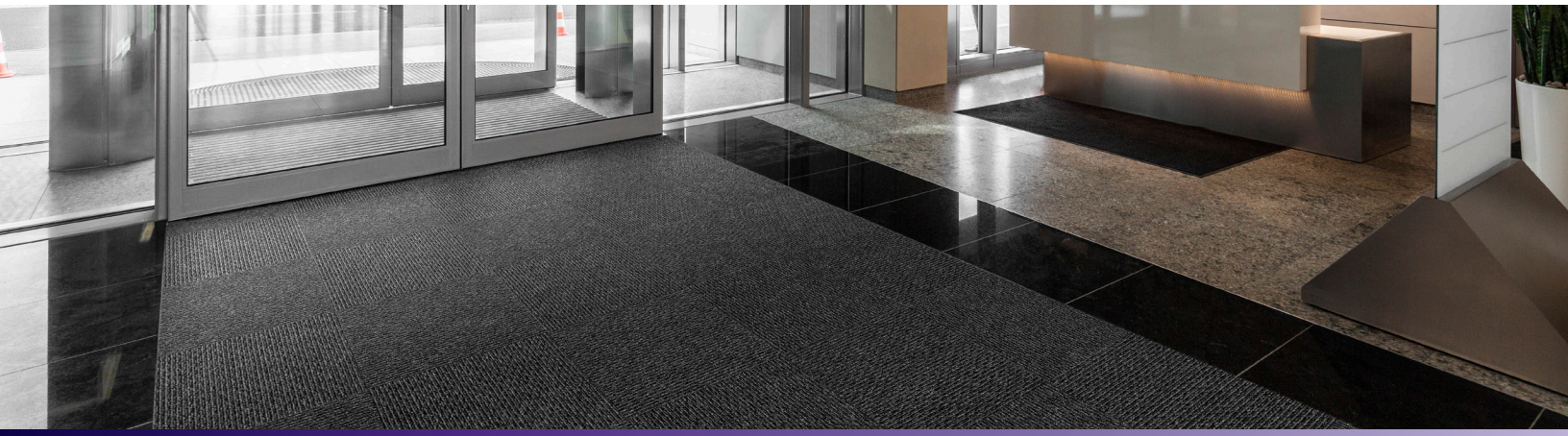
A. Deliver materials in manufacturer's original, unopened packaging with labels intact.

B. Store materials in a clean, dry, enclosed space, protected from moisture and temperature extremes.

1.6 PROJECT CONDITIONS

A. Install carpet tiles only after wet work has been completed and building is enclosed.

B. Maintain ambient temperature and humidity conditions as recommended by manufacturer during installation and curing.



MATWORKS
PROTECT EVERY STEP

Product Specifications Sheet

Ambassador Tile

PART 2 – PRODUCTS

2.1 MANUFACTURER

Basis of Design: Ambassador Entrance Carpet Tiles
Manufacturer: **MatWorks**
Location: LaGrange, Georgia
Website: www.thematworks.com

2.2 ENTRANCE CARPET TILE MATERIALS

A. **Manufacturing Process:** Non-woven / needle-punched
B. **Surface Construction:** Pocket structured loop pile
C. **Face Fiber:** 80% Polypropylene / 20% Polyester blend
D. **Backing:** Bitumen or TacFast
E. **Installation Method:** Glue-down or TacFast

2.3 PHYSICAL PROPERTIES

A. **Tile Size:** 19.69 in. x 19.69 in.
B. **Overall Thickness:** 0.43 in.
C. **Pile Height:** 0.32 in.
D. **Pile Weight:** 59 oz/sy

2.4 PERFORMANCE REQUIREMENTS

A. **Dimensional Stability:** EN 986 – Pass
B. **Electrostatic Propensity:** BS EN 1815 – Pass (>2 kV)
C. **Electrical Resistance:** IBM / ICL – Pass
D. **Color Fastness:**
   Light: ISO 105 B02 – Grade6
   Water: ISO 105 E01 – Grade 5
   Shampoo: ISO 105 C06 – Grade 5
   Rubbing: ISO 105 X12 – Grade 5
E. **Flammability:**
   Radiant Panel: ASTM E648 - Class II
   Smoke Density: ASTM E662 - Pass
F. **Loading Performance:**
   Dynamic Loading: ISO BS - Pass
   Static Loading: ISO BS 4939

2.5 SUSTAINABILITY

A. LEED Contributions:

1. MR Credit 4 – 20% recycled content
2. IEQ Credit 4.1 – VOC content 0 g/L
3. IEQ Credit 5 – Entrance systems installed minimum 10 ft at each entrance

PART 3 – EXECUTION

3.1 EXAMINATION

A. Verify substrates are smooth, clean, dry, and free of defects that may affect installation.
B. Do not proceed with installation until unsatisfactory conditions have been corrected.

3.2 INSTALLATION

A. Install entrance carpet tiles in accordance with manufacturer's written instructions.
B. Use specified adhesive or TacFast system consistently across installation area.
C. Install tiles in square, true alignment with tight joints and uniform appearance.

3.3 CLEANING

A. Remove excess adhesive and debris from carpet tile surfaces.
B. Clean installed carpet tile in accordance with manufacturer's recommendations.

3.4 PROTECTION

A. Protect installed carpet tile from damage during remaining construction activities.
B. Replace damaged or stained tiles prior to project closeout.