

DeckSafe Drainage Tiles

Specifications



GENERAL DESCRIPTION

- A. Complete installation of flooring system including interlocking suspended flooring modular tile and transition materials.
- B. Related work specified under other sections.
 - 1. Surface preparation
 - 2. Thresholds and transitions

QUALITY ASSURANCE

- A. Manufacturer of synthetic flooring shall be an organization specializing in the manufacturing of the products specified in this section.

SUBMITTALS

- A. Specification sheets for products proposed for submission.
- B. Submit a sample of specified flooring system showing color and edging system.
- C. Maintenance program and specifications shall be submitted upon completion of installation.

DELIVERY AND STORAGE

- A. Contractor or installer shall provide a clean and dry area where the materials can be stored until time of installation.
- B. Material shall not be delivered on site until all related work is completed and proper storage facilities can be secured.

WORKING CONDITIONS

- A. Synthetic materials shall not be installed until all other trades are completely finished in the synthetic flooring areas.

PRODUCTS MATERIALS

- A. DeckSafe Drainage Tiles: Non-Slip suspended modular flooring.
 - 1. Open top design shall be 12" x 12" x 1/2" (304.8mm x 304.8mm x 12.7mm), EVA (Ethylene Vinyl Acetate) suspended floor tile. Weight: 16 oz. (453.59 g)

PRODUCT TEST RESULTS

- A. Friction (ASTM C 1028): Dry – 0.62, Wet – 0.61
- B. Compression vs. Crush (ASTM D 3998): No Break
- C. Noise Reduction Coefficient (ASTM C 423): 5-10%
- D. Rolling Load (DIN 18032-02): Pass
- E. Standard Deformation (DIN 18032-02): 0.9mm
- F. Load Bearing Capacity (DIN 18032-02): >125 psi
- G. R-value: $x < 1$
- H. Flatness: 0.0mm
- I. Lateral Movement: 0.00" – 0.020"

SANITARY INFORMATION

- A. Fungus Resistance (ASTM G 21): No Growth
- B. Resistant to the following:
 - 1. Bacteria and Mildew
 - 2. Staphylococcus
 - 3. Klebsiella Pnuemoniae
 - 4. Pink Staining Organism
 - 5. STV Reticulum
- C. Tested and Certified by the NSF (National Sanitation Foundation)

EXECUTION INSPECTION

- A. Inspect sub-surface for proper tolerances, dryness and level. Any discrepancies must be reported in writing to the general contractor.
- B. Sub-surface to be broom cleaned prior to installation of synthetic flooring.
- C. Installer shall document all working conditions prior to the commencement of the installation.

INSTALLATION

- A. Prep sub-surface to accommodate the synthetic flooring products.
- B. Install synthetic flooring products to a pre-approved layout.
- C. Trim modular tiles to within $\frac{3}{4}$ " to any wall or obstruction to prevent any potential buckling issues.
- D. Ramp Edging (optional) should be attached to edge of perimeter where applicable.
- E. Wall cove base (optional) should be adhered to wall with a manufacturers suggested adhesive.
- F. Remove all excess waste and materials from area of work. Dispose of empty containers in accordance with federal and local statutes.

WARRANTY

- A. American Floor Mats warrants that the materials supplied shall be free from manufacturing defects for a period of ten (10) years from the date of installation as set forth in the manufacturer's standard warranty.
- B. This warranty is expressly limited to the synthetic flooring materials supplied by American Floor Mats. This warranty does not cover damage caused by fire, winds, floods, moisture, chemicals (other than those used for maintenance specified by manufacturer) nor does it apply to damage caused by ordinary wear, misuse, abuse, neglect, faulty building construction faulty subsurface or site preparation, or unprofessional installation.