

# FREE-FLOW<sup>TM</sup>

## Specifications

### General

#### DESCRIPTION

- Complete installation of interlocking flooring modular tile.

#### QUALITY ASSURANCE

- Manufacturer of synthetic flooring shall be an organization specializing in the manufacturing of the products specified in this section.
- Manufacturer shall be ISO 9001:2015 Certified to assure proper quality control.
- Products specified in this section shall be installed and/or supervised by an authorized factory trained representative.
- Installer shall be liable for all matters related to the installation of the products described herein for a period of not less than one (1) year from the date of installation.

#### SUBMITTALS

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

#### DELIVERY AND STORAGE

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

#### WORKING CONDITIONS

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



**Dimensions:** 12" x 12" x 0.5" (304.8 mm x 304.8 mm x 12.7 mm)

**Weight:** 10 oz. (283.8 g)

#### WARRANTY

- SnapLock® warrants that the materials supplied shall be free from manufacturing defects as outlined in the limited warranty.
- This warranty is expressly limited to the synthetic flooring materials supplied by SnapLock. 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.

## Products

### MATERIALS

- RaceDeck Free-Flow modular flooring
  - Open top design shall be 12" x 12" x 0.5" (304.8 mm x 304.8mm x 12.7 mm), high impact PP (polypropylene) floor tile. Weight: 10 oz. (283.8 g).

### PRODUCT TEST RESULTS

- Friction (*ASTM C 1028*): Dry – 0.75, Wet – 0.56
- Compression vs. Crush (*ASTM D 3998*): No Break
- Noise Reduction Coefficient (*ASTM C 423*): 5 – 10%
- Rolling Load (*DIN 18032-02*): Pass
- Standard Deformation (*DIN 18032-02*): 0.9mm
- R-Value:  $x < 1.0$
- Flatness: 0.0mm
- Lateral Movement: 0.00" – 0.040"
- Flame Spread Index (*ASTM E 84*): 90
- Load Bearing Capacity (*DIN 18032-02*): >200 psi

### SANITARY INFORMATION

- Fungus Resistance (*ASTM G 21*): No Growth
- Resistant to the following:
  - Bacteria and Mildew
  - Staphylococcus
  - Klebsiella Pnuemoniae
  - Pink Staining Organism
  - STV Reticulum

## Execution

### INSPECTION

- Inspect concrete slab for proper tolerances, dryness and level. Any discrepancies must be reported in writing to the general contractor.
- Concrete slab to be broom cleaned prior to installation of synthetic flooring.
- Installer shall document all working conditions prior to commencement of the installation.

### INSTALLATION

- Prep concrete to accommodate the synthetic flooring products.
- Install synthetic flooring products to pre-approved layout.
- Trim modular tiles to within 1/2" to any wall or obstruction to prevent any potential buckling issues.
- Ramp edging (*optional*) should be attached to edge of perimeter where applicable.
- Wall cove base (*optional*) should be adhered to wall with a manufacturer's suggested adhesive.
- Remove all excess waste and materials from area of work. Dispose of empty containers in accordance with federal and local statutes.



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