

# DIAMOND

## 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:** 15 oz. (431.1 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® Diamond™ modular flooring
  - Solid top design with patented ornate diamond pattern, shall be 12" x 12" x 0.5" (304.8 mm x 304.8 mm x 12.7 mm), high impact PP (polypropylene) floor tile with 64 individual impact zones. Weight: 15 oz. (431.1 g).

### PRODUCT TEST RESULTS

- Friction (ASTM C 1028): Dry – 0.74, Wet – 0.53
- 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
- Load Bearing Capacity (DIN 18032-02): >250 psi
- R-Value: x<1.0
- Flatness: 0.0mm
- Lateral Movement: 0.00" – 0.020"
- Flame Spread Index(ASTM E84-04):90

### SANITARY INFORMATION

- Fungus Resistance (ASTM G 21): No Growth
- Resistant to the following:
  - Bacteria and Mildew
  - Staphylococcus
  - Klebsella 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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