



RaceDeck Diamond TuffShield Garage Floor Tile

Product 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.

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.

RaceDeck Diamond TuffShield Garage Floor Tile Product Specifications – continued

Products **MATERIALS**

- RaceDeck® Metallic 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. Patented proprietary in-mold protective coated surface layer. Weight: 16 oz. (454 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
 - Klebsiella Pneumoniae
 - 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.

RaceDeck is a registered trademark of SnapLock Industries.

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