



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. Installation of concrete sub-floors
 2. Thresholds and cove base transitions

QUALITY ASSURANCE

- A. Manufacturer of synthetic flooring shall be an organization specializing in the manufacturing of the products specified in this section.
- B. Products specified in this section shall be installed and/or supervised by an authorized factory trained representative.
- C. Installer shall be liable for all matters related to the installation of the products described herein for a period of not less than one year from the date of installation.

SUBMITTALS

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

DELIVERY AND STORAGE

- A. General contractor 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.

WARRANTY

- A. Snap Lock Ind., Inc. warrants that the materials supplied shall be free from manufacturing defects for a period of fifteen (15) 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 Snap Lock Ind., Inc. 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

- A. RaceDeck® Diamond suspended modular flooring.
 1. Solid top design with patented ornate diamond pattern, shall be 12" x 12" x 1/2" (304.8mm x 304.8mm x 12.7mm), high impact PP (polypropylene) suspended floor tile with 64 individual impact zones. Weight: 14 oz. (415.79 g)
- B. ShockTower® cushioned understructure system.
 1. Compressible shock design shall be 11/16" x 7/8" (17.46 mm x 22.22 mm), flexible high impact thermoplastic polyolefin sixteen (9) individual impact zones. Weight: 0.1 oz. (3.0 g) each.



PRODUCT TEST RESULTS

- A. Friction (ASTM C 1028): Dry – 0.74, Wet – 0.53
 - 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. Force Reduction (DIN 18032-02): 22
 - F. Standard Deformation (DIN 18032-02): 0.9mm
 - G. Load Bearing Capacity (DIN 18032-02): >250 psi
 - H. R-Value: $x < 1.0$
 - I. Flatness: 0.0mm
 - J. Lateral Movement: 0.00” – 0.020”
 - K. Flame Spread Index (ASTM E84-04): 90
- E. Wall cove base (optional) should be adhered to wall with a manufacturer's suggested adhesive.
 - F. Remove all excess waste and materials from area of work. Dispose of empty containers in accordance with federal and local statutes.

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 concrete slab for proper tolerances, dryness and level. Any discrepancies must be reported in writing to the general contractor.
- B. Concrete slab 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 concrete 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.