

BASECOURT

SPECIFICATIONS

General

Description

- Complete installation of flooring system including interlocking suspended flooring modular tile and the application of game lines and transition materials.
- Related work specified under other sections
 - Installation of concrete subfloors
 - Thresholds and transitions
 - Game lines and equipment

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 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 completion of installation.

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

- DunkStar® 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 DunkStar. 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

- BaseCourt® modular flooring
 - Open top design shall be 12" x 12" x 5/8" (304.8 mm x 304.88 mm x 15.88 mm) high impact PP (polypropylene) suspended floor tile with 841 individual support legs.
 - Weight: 13 oz (370.59 g)
- Game Line Striping
 - Primer shall be of proprietary formulation as supplied by DunkStar, Salt Lake City, Utah, U.S.A.
 - Paint shall be a two-component polyurethane as recommended by DunkStar.

Product Test Results

- Flame Spread Index (*ASTM E 84*): 90
- Smoke Generation (*ASTM E 84*): 90
- Friction (*ASTM C 1028*): Dry: 0.68, Wet: 0.67
- 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*): 0.9 mm
- Ball Rebound (*DIN 18032-02*): 98%
- Load Bearing Capacity (*DIN 18032-02*): 180 psi
- R-Value: $x < 1$
- Flatness: 0.0 mm
- Lateral Movement: 0.00" – 0.035"

Sanitary Information

- Fungus Resistance (*ASTM G 21*): No Growth
- Resistant to the following:
 - Bacteria and Mildew
 - Staphylococcus
 - Klebsiella Pnuemoniae
 - Pink Staining Organism
 - STV Reticulum
- Tested and Certified by the NSF
(National Sanitation Foundation)

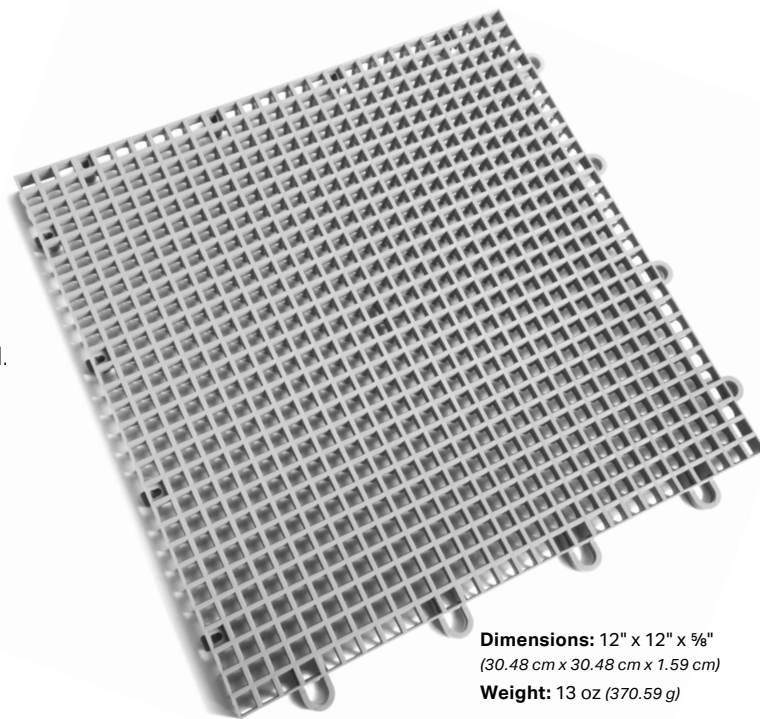
Execution

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 the installation of synthetic flooring and underlayment system.
- Installer shall document all working conditions prior to the commencement of the installation.

Installation

- Prep concrete to accommodate the synthetic flooring products.
- Install synthetic flooring products to a pre-approved layout.
- Trim modular tiles to within 3/4" to any wall or obstruction to prevent any potential buckling issues.
- Game Line Application
 - Use only 3M 401+ tape for masking game lines or any other tape that is approved by flooring supplier.
 - Lines shall be primed and painted using DunkStar primer and recommended two part polyurethane paint as indicated on layout drawings.
- Ramp Edging (*optional*) should be attached to edge of court where applicable.
- Remove all excess waste and materials from area of work. Dispose of empty containers in accordance with federal and local statutes.
- Keep all trades off of flooring area for a period of 72 hours to allow for proper paint cure.



Dimensions: 12" x 12" x 5/8"
(30.48 cm x 30.48 cm x 1.59 cm)
Weight: 13 oz (370.59 g)



Toll Free: 1-888-861-7546
Phone: 1-801-746-7546
Fax: 1-801-746-7559