

SECTION 09624 - SYNTHETIC ATHLETIC FLOORING**PART 1 - GENERAL****1.1 SCOPE**

- A. The furnishing of a completely integrated sports floor cover.
- B. The facility personnel responsible for the installation and removal of sports floor cover shall be instructed and trained by a qualified representative.

1.2 REFERENCES

American Society for Testing & Materials - ASTM

1.3 SUBMITTALS

- A. Connor CourtCover™ specifications.
- B. One sample of specified system, if requested by Architect.
- C. Connor Synthetic Care & Maintenance Guide.

1.4 QUALITY ASSURANCE

- A. MATERIAL SUPPLIER: Shall be Connor
- B. INSTALLER: The installation of the floor tiles shall be carried out by an experienced installer.

1.5 WORKING CONDITIONS

- A. Material shall be stored indoors upon delivery in a dry, protected area with environmental conditions compatible to conditions in the assembly area.
- B. Tile system shall not be installed while subjected to surrounding working conditions including masonry, plaster, tile, marble and terrazzo or any overhead trades, including mechanical, athletic equipment, lighting or sound.
- C. New floor construction
 - 1. Cure time: If the floor covering will be installed over new flooring, the synthetic tiles as specified herein shall not be installed until the new floor system has completely cured. The length of curing time shall be verified by the supplier of the flooring system.
 - 2. Floor loading: If Connor storage carts are provided, the floor loading requirements of the floor system shall be verified. Certain wood and synthetic systems may require additional or special wheels to prevent damage or marring of the floor system or additional carts may be required.
- D. Existing floor
 - 1. Floor loading: If Connor storage carts are provided, the floor loading requirements of the floor system shall be verified. Certain wood and synthetic systems may require additional or special wheels to prevent damage or marring of the floor system or additional carts may be required.

1.6 WARRANTY

- A. Connor warrants that the materials it has supplied will be free from manufacturing defects for a period of one year. The foregoing warranty is in lieu of and excludes all other warranties not expressly set forth herein, whether expressed or implied in operation of law or otherwise, including, but not limited to, any implied warranties of merchantability or fitness. This warranty is expressly limited to the flooring materials (goods) supplied by Connor. This warranty does not cover floor damage caused (wholly or in part) by fire, winds, floods, moisture, other

unfavorable atmospheric conditions or chemical action, nor does it apply to damage caused by ordinary wear, misuse, abuse, negligent or intentional misconduct, aging, faulty building construction, concrete slab separation, faulty or unsuitable subsurface or site preparation, settlement of the building walls or faulty or unprofessional installation of Connor flooring systems.

- B. Connor shall not be liable for incidental or consequential losses, damages or expenses directly or indirectly arising from the sale, handling or use of the materials (goods) or from any other cause relating thereto, and their liability hereunder in any case is expressly limited to the replacement of materials (goods) not complying with this agreement or, at their election, to the repayment of, or crediting buyer with, an amount equal to the purchase price of such materials (goods), whether such claims are for breach of warranty or negligence. Any claim shall be deemed waived by buyer unless submitted to Connor in writing within 30 days from the date buyer discovered, or should have discovered, any claimed breach.

PART 2 - PRODUCTS

2.1 MATERIALS (Connor CourtCover™)

- A. Synthetic Floor Cover – One-piece tufted, level loop tile with cushioned fiberglass reinforced thermoplastic backing as supplied by Connor.
1. Size – 3' x 6' (18 sf/tile)
 2. Colors
 - a. 9245M – Gray
 - b. 9246M – Blue
 - c. 9241M – Brown Multi
 3. Physical Properties
 - a. Stitches Per Inch 6.33 per inch
 - b. Pile Thickness..... .102 average (2.6 mm)
 - c. Gauge 1/10"
 - d. Dye Method 100% Solution Dyed
 - e. Pile Density 7058
 - f. Backing Material..... UltraBac® RE Tile
 - g. Face Yarn..... Invista DSDN Type 6.6 Nylon
 - h. Soil/Stain Technology..... XGuard® Soil Protection Technology
 - i. Face Weight..... 20 oz/yd²
 - j. Product Construction Tufted Texture-Twist Loop
 4. Performance Specifications
 - a. Static..... (AATCC – 134) <3.0 KV
 - b. Flooring Radiant Panel Test..... Meets NFPA Class 1
..... (Tested under ASTM E-648 glue down)
 - c. Smoke Density..... less than 450 Flaming Mode (ASTM E-662)
 - d. Indoor Air Quality Green Label Plus Certified #GLP7616
 5. Storage Carts – 36" X 72" carts shall be manufactured of heavy duty steel and include broad based wheels. Number of carts will depend on floor size. Floor loading limits of existing floor may dictate additional carts or the use of special or double wheels.

PART 3 – EXECUTION

3.1 **INSTALLATION AND INITIAL ASSEMBLY**

- A. Align first row using existing straight line (game line or taut string line).
- B. Keep tiles tight corner to corner.
- C. Tiles can be cut to fully cover existing floor if desired and required.
- D. Remove all excess and waste materials from the area of work.

3.2 **DISASSEMBLY**

- A. Begin disassembly in opposite order of installation.
- B. Divide the tiles evenly among the storage carts.
- C. Separate and mark any custom cuts.

3.3 **STORAGE**

- A. Tiles should be transported to and from storage area with care.
- B. Storage area must be dry and well ventilated.

3.4 **CLEANING**

- A. Clean tiles as outlined in Connor Synthetic Care & Maintenance Guide.

END OF SECTION 09624