

**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**

- A. American Society for Testing & Materials - ASTM

**1.3 SUBMITTALS**

- A. Connor CourtCover™ Light specifications.
- B. One sample of specified system, if requested by Architect.

**1.4 QUALITY ASSURANCE**

- A. MATERIAL SUPPLIER: Shall be Connor
- B. INSTALLER: The installation of the floor covering 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. Floor covering 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 fabric sheeting 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 storage racks 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 racks may be required.
- D. Existing floor
  - 1. Floor loading: If storage racks 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 racks 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 (ten years – 22 oz, fifteen years – 27oz. ). 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™ Light)**

- A. Synthetic Floor Cover – 3-ply PVC coated polyester mesh as supplied by Connor.
  - 1. Size – 10' width
  - 2. Colors
    - a. Tan
    - b. Brown/Tan
    - c. Tan/Royal Blue
    - d. Tan/Burgundy – 27oz. only
    - e. Royal Blue
    - f. Navy Blue
    - g. Burgundy
    - h. Black
    - i. Green
    - j. Red
    - k. Light Gray – 22 oz. only
    - l. Dark Gray
    - m. Yellow – 22 oz. only
  - 3. Physical Properties
 

a. Weight:	22 oz.	27 oz.	
b. Tear Strength:	110 x 75	135 x 103	ASTM D2261
c. Tensile Strength:	295 x 285	430 x 410	ASTM D5034
d. Adhesion:	35 lbs.	35 lbs.	
e. Flame Resistance:	Pass	Pass	FED STD 191
f. Slip Resistance:	Exceeds ADA & OSHA requirements		
g. Seams:	Engineered to be as strong as material and to lay flat		

- B. Storage Racks –
  - Size: 34" W x 12'6" L x 67" H
  - Capacity: 2800 lb capacity
  - Rollers: 2 ½" diameter rollers with locks to prevent accidental unwinding
  - Wheels: 8" non-marking urethane swivel type wheels with foot-locks
  - Frame: Mig welded, all-steel construction
  - Brackets: Steel with Delrin roller bearings
  - Included: 2 - hand cranks
  - Included: 3- fabric clips per roller
  - Optional: Power winder
  - Optional: Brush assembly for sweeping sections during wind up
  - Optional: Cover for storage rack
  - Note: Floor loading limits of existing floor may dictate additional racks or the use of special or double wheels.

**PART 3 - EXECUTION**

**3.1 INSTALLATION AND INITIAL ASSEMBLY**

- A. Roll storage rack to first edge of room.
- B. Pull section out to position on the floor.
- C. Move to the next position overlapping material 6" – 12 ".
- D. Apply tape to seams if applicable.

**3.2 DISASSEMBLY**

- A. Begin disassembly in opposite order of installation.
- B. Roll each section of material on individual rollers on storage racks.
- C. Separate and mark any custom cuts.

**3.3 STORAGE**

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

**END OF SECTION 09624**