

### *PART 1 - GENERAL*

#### **1.01 RELATED DOCUMENTS**

Drawing and general provisions of contract, including general and supplementary conditions, apply to work of this section.

#### **1.02 DESCRIPTION OF WORK**

1. Definitions: The (...insert description of work...) includes:
  - .1 Carpet tiles, needle punch polypropylene
  - .2 Interior and exterior adhesive.

#### **1.03 QUALITY ASSURANCE**

1. Manufacturer: Manufacturer to be an established firm experienced in the manufacture of prefabricated rubber flooring. All materials to be the product of one manufacturer.  
Manufacturer to have completed at least five (5) projects of similar size and magnitude.
2. Installer: Installer to be a firm experienced in the installation of carpet tiles over recommended base materials.
  - .1 Installer to be recognized and approved by the manufacturer.
  - .2 Installer to have completed at least three (3) projects of similar magnitude and complexity.
3. Submittals:
  - .1 Submit five (5) copies of manufacturer's recommendations for the correct preparation, finishing and testing of substrate base materials to receive carpet tile surface.
  - .2 Submit five (5) copies of manufacturer's standard product warranty indicating provided carpet tiles to be free from manufacturing defects for a period of one (1) year limited warranty; seven (7) year excessive wear warranty.
  - .3 Submit five (5) copies of manufacturer's installation instructions.
  - .4 Submit five (5) copies of manufacturer's maintenance instructions.
4. Proprietary Materials: Handle, store, mix and apply proprietary materials in compliance with manufacturer's instructions. Provide materials obtained from one source.

#### **1.04 DELIVERY AND STORAGE HANDLING**

1. Deliver matting in a manner to avoid any damage. Adhesives or surface preparation product containers shall be unbroken and labels intact until time of use. Prevent damage or contamination to materials by water, moisture, freezing, excessive heat, foreign matter or other causes.
2. Bending and folding is not recommended for rubber flooring. Under no circumstances should the matting be left bent, folded, stepped on or crushed, as this may destroy the matting. It is recommended that the matting be stored on-site with the adhesives, etc. at least 24 hours prior to installation.

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### *PART 2 - PRODUCT*

#### **2.01 ARENAFLEX MULTI-USE RUBBER ATHLETIC FLOORING**

1. ArenaFlex is produced in 35 ½" x 35 ½" x 3/8" tiles which are made from the finest virgin rubber and vulcanized with recycled rubber materials to form a product that is perfect for use with any high abuse situation. ArenaFlex is ideal for use in ice skating arenas, golf pro shops and clubhouses, as well as in school locker rooms, weight rooms or multi-purpose rooms. Designed for high traffic areas or where ever



**you have a need for a touch but attractive floor.**

## **2.02 ADHESIVE**

1. The recommended adhesive for all ArenaFlex products is Dritac 7500. Dritac 7500 is a single component, solvent-free urethane adhesive that can be used for many applications. Once cured, Dritac 7500 is not affected by exposure to moisture or water.

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## **PART 3 – EXECUTION**

### **3.01 CONCRETE PREPARATION**

1. The sub-floor must be smooth and level. Irregularities in many cases will telegraph through resilient flooring materials.
2. Any wax, paint, varnish, old adhesives, etc. shall be completely removed.
3. Existing concrete sub-floors must be clean, dry and smooth. The sub-floor must be prepared to provide proper bonding for the adhesive to be used.
4. New concrete floors should be cured at least six (6) weeks prior to moisture test (some floors need longer). Concrete that is either new or extra rough and porous should be sealed. It is very important that a moisture test be done prior to installation. Moisture is the single most significant factor that causes bonding failure to the sub-floor. There are two types of acceptable moisture test: 1) The Poly File Test: Tape down a sheet of plastic or film over a section of the floor. Wait 72 hours. Then look for moisture droplets under the plastic sheet; 2) The Calcium Chloride Test: A quantitative test requiring no more than 3 lbs. moisture emissions per 24 hours per 1,000 sq. ft.

### **3.02 WOOD FLOOR PREPARATION**

1. New wood sub-floors should be CDX exterior smooth one side.
2. All nails must be caulked and surface sealed with epoxy sealant.
3. Plywood should be acclimatized for a 48-hour period prior to installation of tile.
4. All wood sub-floors must be clean and dry of all dust, dirt and other materials.
5. Any cracks, holes and rough and uneven areas can be patched with good quality cement-based leveling compound such as Mapei Planipatch and Planipatch-Plus.

### **3.03 PREPARATION FOR INSTALLATION**

1. Before work commences, examine the areas to be covered and report any flaws or adverse conditions to the general contractor and/or architect. Do not proceed with the installation until substrates and conditions comply with the requirements indicated in manufacturer's instructions.
2. Make sure you maintain a minimum of 15° C or 60° F and a maximum temperature of 30° C or 85° F and a relative humidity of 65% or less for at least 48 hours before installation. These conditions should be maintained night and day during installation and for at least 72 hours after work is completed.

### **3.04 INSTALLATION**

1. When installing tiles, be sure they are tight. Eliminate openings between tiles by taping them together (use tape that will not leave a residue – NO DUCT TAPE) at the corners. Tiles may be cut to fit irregular contours or to fit short spaces with a sharp utility knife. (Repeated passes to ensure a straight cut should be used when cutting tiles).
2. Within 15 minutes of laying the tiles (in small sections), roll the tiles with a 75 lb. sectional roller to ensure proper transfer of adhesive. Any adhesive that gets on the top of the tiles should be wiped clean with a soft rag soaked in denatured alcohol. Always adjoin factory edge to factory edge of ArenaFlex. Cut sides should adjoin walls or other vertical surfaces. No traffic should be allowed on ArenaFlex for a 24-hour period after installation. Proceed with recommended maintenance.

NOTE: It is suggested that ArenaFlex tiles be laid in a point-to-point installation rather than a brick-laid or offset type of installation so that the swirl runs in the same direction.