

**1 GENERAL**

**1.1 General Requirements**

- .1 All requirements of the Contract apply to and govern all work of this Section.
- .2 Comply with the requirements of Division 1.

**1.2 Related Work Specified in Other Sections**

- .1 Submittal Procedures Section 01 33 00
- .2 Finish Carpentry Section 06 20 00

**1.3 Standards Referred to in this Section**

- .1 American Society for Testing and Materials (ASTM International)
  - .1 ASTM F1344-15, Standard Specification for Rubber Floor Tile

**1.4 Quality Assurance and Extended Guarantees**

- .1 Submit manufacturer's standard 5 year warranty document executed by authorized company official in accordance with Section 01 78 00 - Closeout Submittals commencing on date of Substantial Completion.

**1.5 Specific Handling and Transportation Requirements**

- .1 No specific requirements.

**1.6 Submittals**

- .1 Shop drawings : Not required.
- .2 Samples : Not required.

**1.7 Closeout Submittals**

- .1 Maintenance Data and Materials
  - .1 Provide maintenance data for resilient flooring for incorporation into manual specified in Section 01 78 00 - Closeout Submittals.
  - .2 Provide maintenance materials in accordance with Section 01 78 00 - Closeout Submittals.
  - .3 Deliver one box of flooring of each colour, pattern and type flooring material required for project for maintenance use. Identify each box. Store where directed.
  - .4 Clearly identify each box of tile flooring and each container of adhesive.
  - .5 Maintenance materials to be same production run as installed materials.

**1.8 Specific Environmental Requirements**

- .1 Maintain air temperature and structural base temperature at flooring installation area above 20°C for 48 hours before, during and 48 hours after installation.

### **1.9 Specific Protection Requirements**

- .1 Protect installed flooring against damage with heavy paper or plastic covering. Do not place static loads on newly installed flooring until minimum 7 days after installation.

## **2 PRODUCTS**

### **2.1 Materials**

- .1 Rubber tile: to ASTM F1344, Class 1 - Homogeneous rubber tile, smooth pattern, 2.8 mm base thickness 610 x 610 mm size, colour to be 28 Medium Grey
- .2 Rubber Base :
  - .1 Colour : see Section 09 99 60.
- .3 Primers and adhesives: type recommended by rubber tile flooring manufacturer for computer raised flooring. Adhesive to be "peal and stick" type for re-use.
- .4 Metal edge strips: aluminum extruded, smooth, mill finish with lip to extend under floor finish, shoulder flush with top of adjacent floor finish.
- .5 Sealer and wax: type recommended by resilient flooring material manufacturer for material type and location.
- .6 Vinyl reducing strips : minimum 25 mm wide x thickness of flooring on one side, tapered on the other side.

## **3 EXECUTION**

### **3.1 Inspection**

- .1 Ensure computer floor substrate is dry, true, even and smooth and free of paint, grease, oil and dirt to flooring manufacturer's recommendations.
- .2 Commencement of work under this section will imply unconditional acceptance of the surfaces to receive work of these specifications.

### **3.2 Subfloor Treatment**

- .1 Prepare computer flooring substrate as recommended by rubber tile manufacturer.

### **3.3 Flooring Application**

- .1 Apply manufacturer's recommended low VOC adhesive uniformly using recommended trowel. Do not spread more adhesive than can be covered by flooring before initial set takes place.
- .2 As installation progresses, and after installation, roll flooring with 45 kg minimum roller to ensure full adhesion.
- .3 Cut flooring neatly around fixed objects.
- .4 Continue flooring over areas which will be under built-in furniture.
- .5 Terminate flooring at centerline of door in openings where adjacent floor finish or colour is dissimilar.

### **3.4 Initial Cleaning and Waxing**

- .1 Remove excess adhesive from floor, base and wall surfaces without damage.
- .2 Clean, seal and wax floor and base surface to flooring manufacturer's printed instructions.

### **3.5 Protection of Finished Work**

- .1 Protect new floors from time of final set of adhesive until interim inspection.
- .2 Prohibit traffic on floor for 48 hours after installation.

### **3.6 Cleaning**

- .1 Upon completion of installation, remove surplus materials, rubbish, tools and equipment barriers.

**END OF SECTION**