

**PART 1 GENERAL**

**1.1 SECTION INCLUDES**

- .1 Resilient sheet and tile flooring.
- .2 Rubber base.
- .3 Rubber stair treads and risers.

**1.2 RELATED SECTIONS**

- .1 Section 09655 – Athletic Flooring.
- .2 Section 09671 – Epoxy Flooring.
- .3 Section 09910 - Room Finish Schedule

**1.3 REFERENCES**

- .1 ASTM E84 - Surface Burning Characteristics of Building Materials.
- .2 CSA A126 - Sheet Flooring Products
- .3 FS RR-T-650 - Treads, Metallic and Non-metallic, Non-skid.
- .4 FS SS-W-40 - Wall Base: Rubber and Vinyl Plastic.

**1.4 SUBMITTALS**

- .1 Samples: Submit two samples, 300x300 mm in size illustrating colour and pattern for each floor material for each colour specified.
- .2 Submit two 300 mm long samples of base and stair material for each colour specified.

**1.5 REGULATORY REQUIREMENTS**

- .1 Conform to applicable code for flame/smoke rating requirements of in accordance with ASTM E84.

**1.6 ENVIRONMENTAL REQUIREMENTS**

- .1 Store materials for three days prior to installation in area of installation to achieve temperature stability.
- .2 Maintain ambient temperature required by adhesive manufacturer three days prior to, during, and 24 hours after installation of materials.

**1.7 MAINTENANCE DATA**

- .1 Provide manufacturers instructions covering care and maintenance of materials of this section.

- .2 Maintenance Data: Include maintenance procedures, recommended maintenance materials, and suggested schedule for cleaning, stripping, and re-waxing.

## **1.8 EXTRA MATERIALS**

- .1 Provide 2% or 5 sq m of flooring, whichever is greater, and 5 m of base, and stair materials of each material specified.

## **PART 2 PRODUCTS**

### **2.1 MATERIALS - SHEET FLOORING**

- .1 Sheet Floor (SF-1): Tarkett Eminent Sommer; 34041 Beige; 2.0 mm thick; 2000 mm roll width..

### **2.2 MATERIALS - STAIR COVERING**

- .1 Stair Treads and Risers: Rubber combination tread and riser ; round texture pattern; manufactured by Johnsonite; colour No. 84 Blue Jeans.
- .2 Stair nosing (top step): Johnsonite Model No VIVCD-XX, colour to be selected.

### **2.3 MATERIALS - BASE**

- .1 Base: ASTM F1861 Rubber; top set coved; Height 100 mm; 3 mm thick; Colour No. 84 Blue Jeans; manufactured by Johnsonite.

### **2.4 ACCESSORIES**

- .1 Subfloor Filler: White premix latex ; type recommended by adhesive material manufacturer.
- .2 Primers and Adhesives: Waterproof; types recommended by flooring manufacturer.
- .3 Edge Strips: rubber; manufactured by Johnsonite; colours to be selected from manufacturers standard range of colours. Provide Model No. CTA-XX-JH for 6 mm to 0 mm transition; Model No. CCA-XX for 10 mm to 6 mm transition.
- .4 Sealer and Wax: Types recommended by flooring manufacturer.

## **PART 3 EXECUTION**

### **3.1 EXAMINATION**

- .1 Verify concrete floors are dry to a maximum moisture content of 7 percent, and exhibit negative alkalinity, carbonization, or dusting.
- .2 Verify floor and lower wall surfaces are free of substances that may impair adhesion of new adhesive and finish materials.

### **3.2 PREPARATION**

- .1 Remove sub-floor ridges and bumps. Fill minor or local low spots, cracks, joints, holes, and other defects with sub-floor filler to achieve smooth, flat, hard surface.

- .2 Prohibit traffic until filler is cured.
- .3 Vacuum clean substrate.
- .4 Apply primer to surfaces.

### **3.3 INSTALLATION - SHEET FLOORING**

- .1 Install in accordance with manufacturer's instructions.
- .2 Spread only enough adhesive to permit installation of materials before initial set.
- .3 Set flooring in place, press with heavy roller to attain full adhesion.
- .4 Install sheet flooring parallel to length width of room. Provide minimum of 1/3 full roll width. Double cut sheet; provide continuously heat welded seal.
- .5 Terminate flooring at centerline of door openings where adjacent floor finish is dissimilar.
- .6 Install edge strips at unprotected or exposed edges, and where flooring terminates.
- .7 Scribe flooring to walls, columns, cabinets, floor outlets, and other appurtenances to produce tight joints.

### **3.4 INSTALLATION - BASE**

- .1 Fit joints tight and vertical. Maintain minimum measurement of 45 mm between joints.
- .2 Miter internal corners. At external corners, 'V' cut back of base strip to 2/3 of its thickness and fold.
- .3 Install base on solid backing. Bond tight to wall and floor surfaces.
- .4 Scribe and fit to door frames and other interruptions.

### **3.5 INSTALLATION - STAIR COVERINGS**

- .1 Install stair treads and risers in one piece for full width and depth and height of tread and riser.
- .2 Adhere over entire surface. Fit accurately and securely.

### **3.6 CLEANING**

- .1 Remove excess adhesive from floor, base, and wall surfaces without damage.
- .2 Clean, seal, and wax floor and base surfaces in accordance with manufacturer's instructions.

**3.7 PROTECTION OF FINISHED WORK**

- .1 Prohibit traffic on floor finish for 48 hours after installation.

END OF SECTION