

PART 1 GENERAL

1.1 RELATED
SECTIONS

1.2 SUBMITTALS

- .1 Provide submittals in accordance with Section 01 33 00 - Submittal Procedures.
- .2 Provide colour samples in accordance with Section 01 33 00 - Submittal Procedures.
- .3 Closeout Submittals:
 - .1 Provide maintenance data for resilient flooring for incorporation into manual specified in Section 01 78 00 - Closeout Submittals.

1.3 DELIVERY,
STORAGE AND
HANDLING

- .1 Deliver, store and handle materials in accordance with Section 01 10 10 - General Instructions.
- .2 Waste Management and Disposal:
 - .1 Separate waste materials for reuse and recycling.

1.4 AMBIENT
CONDITIONS

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

1.5 MAINTENANCE

- .1 Extra Materials:
 - .1 Provide extra materials of resilient sheet flooring and adhesives in accordance with Section 01 78 00 - Closeout Submittals.
 - .2 Provide 15 m² of each colour, pattern and type flooring material required for project for maintenance use.
 - .3 Extra materials one piece and from same production run as installed materials.
 - .4 Identify each roll of sheet flooring and each container of adhesive.
 - .5 Deliver to Departmental Representative, upon completion of the work of this section.
 - .6 Store where directed by Departmental Representative.

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PART 2 PRODUCTS

2.1 MATERIALS

- .1 Provide flooring material from same production run. Colours will be selected from manufacturer's standard colour range.
- .2 Type F1 - Sheet vinyl flooring: Non-backed, non layered, polyurethane-coated, homogeneous vinyl composition of polyvinyl chloride resin, plasticizers, stabilizers, fillers and pigments. Colour and pattern details to be dispersed uniformly throughout the wear layer. Suitable for use on slab on grade. Wear layer thickness 2 mm. Roll width 1.83 m. One colour selected by Departmental Representative.
- .3 Resilient base: Vinyl, coved, minimum 1200 length and 100 high x 3 mm thick, including premoulded end stops and external corners for coved base only, of 3 colour selected by Departmental Representative.
- .4 Primers and adhesives: waterproof, of types recommended by resilient flooring manufacturer for specific material on applicable substrate. Product to be low VOC composition.
- .5 Sub-floor filler and leveler: 2 part latex-type filler requiring no water as recommended by flooring manufacturer for use with their product.
- .6 Metal edge strips: aluminum extruded, smooth, anodized finish with lip to extend under floor finish, shoulder flush with top of adjacent floor finish.
- .7 Sealer and wax: type recommended by resilient flooring material manufacturer for material type and location.
- .8 Cap strips: vinyl cap strip to accommodate sheet vinyl colour to match sheet vinyl colour.

PART 3 EXECUTION

3.1 MANUFACTURER'S INSTRUCTIONS

- .1 Compliance: comply with manufacturer's written recommendations or specifications,

including product technical bulletins, handling, storage and installation instructions, and datasheets.

3.2 SITE
VERIFICATION OF
CONDITIONS

- .1 Ensure concrete floors are clean and dry by using test methods recommended by flooring manufacturer.

3.3 PREPARATION

- .1 Remove any existing flooring.
- .2 Remove or treat old adhesives to prevent residual, old flooring adhesives from bleeding through to new flooring and/or interfering with the bonding of new adhesives.
- .3 Clean floor and apply filler; trowel and float to leave smooth, flat hard surface. Prohibit traffic until filler cured and dry.
- .4 Remove sub-floor ridges and bumps. Fill low spots, cracks, joints, holes and other defects with sub-floor filler.
- .5 Prime and seal concrete slab to resilient flooring manufacturer's printed instructions.

3.4 APPLICATION:
FLOORING

- .1 Provide high ventilation rate, with maximum outside air, during installation, and for to 72 hours after installation. If possible, vent directly to outside. Do not let contaminated air recirculate through district or whole building air distribution system. Maintain extra ventilation for at least one month following building occupation.
- .2 Apply adhesive uniformly using recommended trowel. Do not spread more adhesive than can be covered by flooring before initial set takes place.
- .3 Lay flooring to produce a minimum number of seams. Border widths minimum 1/3 width of full material.
- .4 Run sheets in direction of traffic. Double cut sheet joints and continuously seal according to manufacturer's printed instructions.
- .5 As installation progresses, and after

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installation roll flooring with 45 kg minimum roller to ensure full adhesion.

- .6 Cut flooring around fixed objects.
- .7 Install flooring in pan type floor access covers. Maintain floor pattern.
- .8 Continue flooring over areas which will be under built-in furniture.
- .9 Terminate flooring at centreline of door in openings where adjacent floor finish or colour is dissimilar.
- .10 Install metal edge strips at unprotected or exposed edges where flooring terminates.

3.5 APPLICATION:
FLASH COVERED BASE

- .1 Lay out base to keep number of joints at minimum. Base joints at maximum length available or at internal or premoulded corners.
- .2 Clean substrate and prime with one coat of adhesive.
- .3 Apply adhesive to back of base.
- .4 Set base against wall and floor surfaces tightly by using 2.7 kg. hand roller.
- .5 Install straight and level to variation of 1:1000.
- .6 Scribe and fit to door frames and other obstructions. Use premoulded end pieces at flush door frames.
- .7 Cope internal corners. Use premoulded corner units for right angle external corners. Use formed straight base material for external corners of other angles, minimum 305 each leg. Wrap around toeless base at external corners.
- .8 Install coved base in all cabinet kick and toe spaces.

3.6 CLEANING

- .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.

3.7 PROTECTION

- .1 Protect new floors from time of final set of adhesive until final inspection.

- .2 Prohibit traffic on floor for 48 hours after installation.

3.8 SCHEDULES

- .1 See Floor Plan.

END OF SECTION