

## PART 1 - GENERAL

### 1.1 SUMMARY

1. Types of items described in this Section:
  1. Resilient Base
    1. Typical
    2. Contoured resilient base.
  2. Resilient moulding accessories.
2. Types of items not described in this Section:
  1. Resilient stair accessories

### 1.2 ACTION SUBMITTALS

1. Product Data: For each type of product indicated.
2. Product Data: For each type of product indicated.
3. Samples for Verification: For each type of product indicated, in manufacturer's standard-size Samples but not less than 300 mm long, of each resilient product colour, texture, and pattern required.

### 1.3 MAINTENANCE MATERIAL SUBMITTALS

1. Furnish extra materials that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.
  1. Furnish not less than 3 linear m for every 150 linear m or fraction thereof, of each type, colour, pattern, and size of resilient product installed.

### 1.4 QUALITY ASSURANCE

1. Mock-ups: Provide resilient products with mock-ups specified in other Sections.

### 1.5 DELIVERY, STORAGE, AND HANDLING

1. Store resilient products and installation materials in dry spaces protected from the weather, with ambient temperatures maintained within range recommended by manufacturer, but not less than 10 deg C or more than 32 deg C.

### 1.6 PROJECT CONDITIONS

1. Maintain ambient temperatures within range recommended by manufacturer, but not less than 21 deg C or more than 35 deg C, in spaces to receive resilient products during the following time periods:
  1. 48 hours before installation.
  2. During installation.
  3. 48 hours after installation.
2. Until Substantial Completion, maintain ambient temperatures within range recommended by manufacturer, but not less than 13 deg C or more than 35 deg C.
3. Install resilient products after other finishing operations, including painting, have been completed.

## PART 2 - PRODUCTS

### 2.1 RESILIENT BASE - TYPICAL

1. Resilient Base Standard: to ASTM F 1861.
  1. Material Requirement: Type TS (rubber, vulcanized thermoset) or Type TP (rubber, thermoplastic).
  2. Manufacturing Method: Group I (solid, homogeneous) or Group II (layered).
  3. Style:
    1. Cove (base with toe): unless otherwise indicated.
    2. Straight (flat or toeless), at carpet flooring locations.
  4. Minimum Thickness
    1. 3.2 mm.
  5. Height
    1. 102 mm, unless otherwise indicated.
  6. Lengths
    1. Coils in manufacturer's standard length.
  7. Outside Corners
    1. Job formed or preformed.
  8. Inside Corners
    1. Job formed or preformed.
  9. Colours and Patterns
    1. If not otherwise indicated, then selected by Owner's Representative from full range of industry colours and patterns.

### 2.2 CONTOURED RESILIENT BASE

1. Refer to drawings to determine if contoured resilient base is required and if so, the required locations.
2. Contoured resilient base to replicated moulded wood base profiles, to ASTM F-1861, Type TP, Group 1 (solid) Standard.
3. Colours and Profiles
  1. If not otherwise indicated, then selected by Owner's Representative from full range of industry colours and profiles.

### 2.3 RESILIENT MOULDING ACCESSORY

1. Description
  1. Cap for cove carpet
  2. Cap for cove resilient floor covering
  3. Carpet edge for glue-down applications
  4. Nosing for carpet
  5. Nosing for resilient floor covering
  6. Reducer strip for resilient floor covering
  7. Joiner for tile and carpet
  8. Transition strips.
2. Material
  1. Rubber.
3. Profile and Dimensions

1. As required, absolute minimal height.
  4. Colours and Patterns
    1. If not otherwise indicated, then selected by Owner's Representative from full range of industry colours and patterns.
- 2.4 INSTALLATION MATERIALS
1. Trowelable Levelling and Patching Compounds
    1. Latex-modified, portland cement based or blended hydraulic-cement-based formulation provided or approved by manufacturer for applications indicated.
  2. Adhesives
    1. Water-resistant type recommended by manufacturer to suit resilient products and substrate conditions indicated.
    2. Use adhesives that comply with the following limits for VOC content:
      1. Cove Base Adhesives: Not more than 50 g/L.
      2. Rubber Floor Adhesives: Not more than 60 g/L.

### PART 3 - EXECUTION

#### 3.1 EXAMINATION

1. Examine substrates, with Installer present, for compliance with requirements for maximum moisture content and other conditions affecting performance of the Work.
2. Verify that finishes of substrates comply with tolerances and other requirements specified in other Sections and that substrates are free of cracks, ridges, depressions, scale, and foreign deposits that might interfere with adhesion of resilient products.
3. Proceed with installation only after unsatisfactory conditions have been corrected.

#### 3.2 PREPARATION

1. Prepare substrates according to manufacturer's written instructions to ensure adhesion of resilient products.
2. Fill cracks, holes, and depressions in substrates with trowelable levelling and patching compound and remove bumps and ridges to produce a uniform and smooth substrate.
3. Do not install resilient products until they are same temperature as the space where they are to be installed.
  1. Move resilient products and installation materials into spaces where they will be installed at least 48 hours in advance of installation.
4. Sweep and vacuum clean substrates to be covered by resilient products immediately before installation.

#### 3.3 RESILIENT BASE INSTALLATION

1. Comply with manufacturer's written instructions for installing resilient base.
2. Apply resilient base to walls, columns, pilasters, casework and cabinets in toe spaces, and other permanent fixtures in rooms and areas where base is required.

3. Install resilient base in lengths as long as practicable without gaps at seams and with tops of adjacent pieces aligned.
  4. Tightly adhere resilient base to substrate throughout length of each piece, with base in continuous contact with horizontal and vertical substrates.
  5. Do not stretch resilient base during installation.
  6. On masonry surfaces or other similar irregular substrates, fill voids along top edge of resilient base with manufacturer's recommended adhesive filler material.
  7. Preformed Corners: Install preformed corners before installing straight pieces.
  8. Job-Formed Corners:
    1. Outside Corners: Use straight pieces of maximum lengths possible. Form without producing discolouration (whitening) at bends.
    2. Inside Corners: Use straight pieces of maximum lengths possible.
- 3.4 RESILIENT ACCESSORY INSTALLATION
1. Comply with manufacturer's written instructions for installing resilient accessories.
  2. Resilient Moulding Accessories: Butt to adjacent materials and tightly adhere to substrates throughout length of each piece. Install reducer strips at edges of carpet and resilient floor covering that would otherwise be exposed.
- 3.5 CLEANING AND PROTECTION
1. Comply with manufacturer's written instructions for cleaning and protection of resilient products.
  2. Perform the following operations immediately after completing resilient product installation:
    1. Remove adhesive and other blemishes from exposed surfaces.
    2. Sweep and vacuum surfaces thoroughly.
    3. Damp-mop surfaces to remove marks and soil.
  3. Protect resilient products from mars, marks, indentations, and other damage from construction operations and placement of equipment and fixtures during remainder of construction period.
  4. Cover resilient products until Substantial Completion.

**END OF SECTION**