

1.0 GENERAL**.1 Requirements Include**

- .1 Additional guidelines found in Section 09 00 10.

.2 Performance Standards

- .1 National Floor Covering Association of Canada: Floor Covering Reference Manual, current edition (NFCA).
- .2 Applicable current product Standards including CSA, CGSB, and ASTM.

2.0 ADMINISTRATIVE AND SUBMITTAL REQUIREMENTS**.1 Coordination**

- .1 Coordinate the work of this Section with 03 30 00 Cast-in-Place Concrete to ensure cast slabs receive full float finish.

.2 BCIT Submittals and Notifications

- .1 Shop Drawings to indicate flooring types, patterns, colours, pattern direction, joint and seam locations, locations of length and cross seams, open edges, and other details.
- .2 Maintenance Materials:
 - .1 Sheet goods: 5% of each type of resilient flooring used or three (3) square metres, whichever is greater.
 - .2 Tile goods: one (1) full box or ten (10) full tiles.
 - .3 Rubber Cove Base: three (3) linear meters.

3.0 QUALITY ASSURANCE**.1 Requirements**

- .1 Installers: Trade or Product Qualified in accordance with NFCA Part A05 requirements, with five (5) years local experience, and on a minimum of five (5) projects with the same or similar materials, quantities, and complexity.

.2 Guarantee

- .1 Guarantee: 100% two (2) year Maintenance Bond on completion of resilient flooring work, the cost of which is to be included in the Contract Price.

.3 Warranties

- .1 In writing, and from the date of Substantial Performance:
 - .1 From the Flooring Manufacturer:

- .1 Five (5) year abrasive wear guarantee.
- .2 Seven (7) year abrasive wear guarantee for slip-resistant resilient flooring.
- .2 From the Flooring Installer: One (1) year against substrate preparation / installation failures.
- .3 From the Adhesive Manufacturer: Ten (10) years, including labour and materials, against adhesive failure.

4.0 PRODUCTS

.1 General

- .1 Select materials of lowest VOC content, including adhesives which preferably should be water-based.
- .2 With sheet goods, use flash-coved bases in washrooms, food preparation areas, where cleanliness is critical (for example, labs), and where requested by FCD.

.2 Acceptable Materials

- .1 Sheet Rubber:
 - .1 Acceptable for most areas.
 - .2 Not to be used in areas where animal fats are present such food service areas, unless the product is specifically designed for use in these types of areas.
- .2 Sheet Linoleum and Tile Linoleum:
 - .1 Acceptable for most areas.
 - .2 Marmoleum Topshield finish or approved equivalent is preferred finish.
 - .3 Use heat-welded or net fit seams with sheet goods.
 - .4 Not suitable for wet areas, or where water may collect.
- .3 Sheet Vinyl with Heat-Welded Seams:
 - .1 Acceptable for labs and wet areas.
- .4 Slip-Resistant Sheet Vinyl with Heat-Welded Seams:
 - .1 Acceptable for washrooms and wet areas, food service areas, janitor rooms, and labs.
- .5 Vinyl Composition Tile (VCT):
 - .1 Not acceptable, unless with written approval by FCD.
- .6 Rubber Base:

Consultants are to provide complete specifications, and review these Technical Standards documents to include BCIT requirements within the specifications as applicable to the project.

- .1 Type TP Group 1 (solid), Style B (Cove), conforming to ASTM F1861.
- .2 Pre-formed corners for outside corners.
- .3 Height: 150 mm (6 inches), or 100 mm (4 inches).

.3 Accessories

- .1 Adhesives and auxiliary products: as recommended in writing by each resilient flooring manufacturer.

5.0 EXECUTION

.1 Project Close-Out

- .1 FCD's facility maintenance personnel to receive a cleaning, treatment and maintenance training session.
- .2 Moisture and alkalinity levels, as determined by independent testing agency, to be included on Record Documents. Note locations of tests on Record Floor plans.

*** END OF **RESILIENT FLOORING** SECTION ***