Part 1  General

1.1  Summary

.1 Unless otherwise indicated, follow the standards below when specifying resilient sheet flooring work. These standards are not intended to restrict or replace professional judgment.

1.2  Design Requirements

.1 Laboratories: Specify high performance, chemical resistant with polyurethane coating sheet vinyl floors with heat welded seams and integral cove base to contain spills in laboratories.

.2 Common areas: Specify sheet linoleum floor with heat welded seams

.3 Entrances: Do not specify linoleum or carpet within 10m of entrances to buildings.

.4 All Resilient Sheet Flooring must have integral, welded cove bases. Cove stick with radius of at least 22.5mm (7/8") must be specified as supports at the wall/floor junction where the Resilient Sheet Flooring coves the wall.

1.3  Guarantee

.1 The products described in this section shall be guaranteed for a period of five (5) years from the date of substantial completion of the work.

Part 2  Products

2.1  Preferred Products

.1 The threshold level of compliance with the General Emissions Evaluation standards listed in 01 84 19 must be met by 100%.

.2 For adhesives products with low VOC emissions that may contribute to LEED® v4 EQ Credit Low-Emitting Materials, refer to:

   .1 UL Environment http://productguide.ulexperience.com
   .2 SCS Global Services www.scsglobalservices.com/certified-green-products-guide

.3 For products with recycled content that may contribute to LEED® v4 MR Credit Building Product Disclosure and Optimization – Sourcing of Raw Materials, refer to:

   .1 SCS Global Services www.scsglobalservices.com/certified-green-products-guide
   .2 Green Circle Certified http://greencirclecertified.com

.4 For products with a manufacturer inventory and/or certified Cradle to Cradle (C2C) and/or with Health Product Declarations (HPDs), for LEED® v4 MR Credit Building Product Disclosure and Optimization – Material Ingredients, refer to:

   .1 Declare Product Database www.living-future.org/declare-products
.2 Cradle to Cradle Products Innovation Institute [http://www.c2ccertified.org/products/mhcregistry]
.3 HPD Library [http://hpd.smithgroupjjr.org/]
.4 Pharos Project [https://www.pharosproject.net]

.5 For products with Environmental Product Declarations (EPDs), which may contribute to LEED® v4 MR Credit Building and Disclosure Optimization – Environment Product Declarations, refer to:
.1 UL Environment [http://productguide.ulenvironment.com/]
.2 SCS Global Services [www.scsglobalservices.com/certified-green-products-guide]

.6 For products from manufacturers with Corporate Sustainability Reports (CSRs), which may contribute to LEED® v4 MR Credit Building Product Disclosure and Optimization – Sourcing of Raw Materials, refer to:
.1 GRI Sustainability Disclosure Database [http://database.globalreporting.org/search]

.7 Materials that are locally sourced (extracted, manufactured, and purchased) within 160 km (100 miles) are preferred and will increase cost values for credit calculations in the Materials and Resources Building Product Disclosure and Optimization credits.

.8 Use companies that offer take-back programs.

2.2 Resilient Sheet Flooring

.1 Laboratories: Shall be 2 mm thick, “Optima” as manufactured by Tarkett or approved equivalent as manufactured by Mannington or other approved equivalents, with welded rods.

.2 Common areas: Shall be 3 mm thick linoleum, “Marmoleum” series as manufactured by Forbo, or approved equivalent, with welded rods.

2.3 Material Requirements

.1 In all cases where spillage is possible, caulk around all new and existing through floor pipe and sleeve penetrations. Coordinate sealing with mechanical engineer.

.2 Do not request to the general contractor the surplus for replacement.

2.4 Adhesives:

.1 Shall be for heavy traffic and commercial jobs, have a strong high peel, strength, very low odour, soap and water clean up, and be environmentally safe with no hazardous ingredients and zero VOC.

END OF SECTION