Part 1 General

1.1 Summary

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

1.2 Design Requirements

.1 Specify vinyl tile flooring for all floors except mechanical rooms, washrooms, vestibules, animal facilities, laboratories, executive and professional offices, and meeting rooms.

.2 Specify that the contractor clean floors of construction debris, dirt, and grease as a requirement of substantial completion. The contractor must not wax new flooring: the University will clean, seal, and wax floors as necessary after acceptance.

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.ulevironment.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 Vinyl Composite Tile Flooring

.1 Preferred tiles: shall be 305 x 305 mm with recycled content, “Premium visual tile” or “Touchstone premium VCT” series, as manufactured by Mannington commercial, or approved equivalent.

.2 For smaller budget projects: 305 x 305 mm x 3 mm thick tile, “Contract”, “Fortress”, or “Colour-Thru” series as manufactured by Amtico, or approved equivalent.

2.3 Base Board

.1 Shall be rubber base, 100 mm high, or as per existing. Vinyl base materials are forbidden.

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.

.2 Refer to section 01 84 19 Interior Finishes Performance Requirements Part 2 for VOC requirements for wet-applied products.

Part 3 Execution

3.1 Floor Finishing

.1 Existing Floors:

.1 Strip flooring completely, removing all wax.
.2 Wash flooring with a neutral detergent using a mop.
.3 Apply two (2) coats of sealer.
.4 Apply three (3) coats of wax.
.5 24hrs after, use a “High Speed” buffer to buff the floor.

.2 New Floors:

.1 Wash flooring with a neutral detergent using a mop.
.2 Apply two (2) coats of sealer.
.3 Apply three (3) coats of wax.
.4 24hrs after, use a “High Speed” buffer to buff the floor.

END OF SECTION