



BRANDON SCHOOL DIVISION

SCHEDULE A:

SHEET FLOORING SPECIFICATIONS

PART 1 - GENERAL CONDITIONS

1.1 Samples

- a. Submit duplicate 400 mm piece of each type and colour sheet flooring specified.

1.2 Maintenance Data/Material

- a. Provide maintenance data for sheet flooring.
- b. Provide remnants/cuttings for maintenance use (minimum 3% of tiled area).

1.3 Warranty

- a. Contractor hereby warrants that sheet flooring installation will be performed by a qualified installer to provide a level of appearance that can be deemed acceptable by the owner after the first 500 to 1,000 sq ft is installed. If a subcontractor is used, they must be approved by the Brandon School Division.
- b. Contractor warrants that the sheet flooring ordered will be all from the same dye lot.
- c. Contractor will provide warranty on workmanship for one (1) year from project completion.

- 1.4** Successful contractor **MUST** visit site(s) to ensure accurate measurements and prep requirements of specified areas.

PART 2 - PRODUCTS

2.1 Materials:

- a. Sheet Flooring:
 - Construction: Homogeneous
 - International Specifications - ASTM F1913
 - Overall Thickness - 0.080 in. (2.0 mm)
 - Wear Layer Thickness - 0.080 in. (2.0 mm)
 - Factory Finish - Diamond 10[®] Technology with Enhanced Traction Installation
 - Full Spread Adhesive: S-995, Flash Cove - Adhesive: S-580 Seams: Heat Weld or S-761 Seam Adhesive
 - Maintenance Options - Polish, No Polish - Spray Buff, No Polish - No Buff



Diamond 100 Technology with Enhanced Traction – cultural diamond-infused coating for scratch, stain, and slip resistance. True Through-Pattern Wear Layer

2.2 Packaging

Roll Length

Up to 98.4 ft (30 m)

Roll Width

6 ft. 7 in. (2.0 m)

Shipping Weight per Carton

Approx. 5.71 lbs. /sq. yd. (3.1 kg /sq. m)

2.3 Testing

ASTM F1913			
Performance	Test Method	Requirement	Performance vs. Requirement
Thickness	ASTM F386	≥ 0.075 in.	Meets
Residual Indentation	ASTM F1914	≤ 0.007 in.	Meets
Static Load Resistance @ 250 psi	ASTM F970	≤ 0.005 in.	Meets
Flexibility	ASTM F137	1 ½ in. mandrel no cracks or breaks in wear surface	Meets
Resistance to Chemicals	ASTM F925	No more than slight change in surface dulling, attack or staining	Meets
Resistance to Heat	ASTM F1514	ΔE ≤ 8	Meets
Resistance Light	ASTM F1515	ΔE ≤ 8	Meets
Additional Testing			
Fire Test Data – Flame Spread	ASTM E648	0.45 W/cm ² or more Class 1	Meets
Fire Test Data – Smoke Evolution	ASTM E662	450 or less	Meets
Fire Test Data – Canada	CAN\ULC S-102.2	Use dependent	Flame Spread - 15 Smoke Developed - 90
Static Load Resistance	ASTM F970*	< 0.005 in.	2000 psi
Wear Group Classification per EN649-volume loss	EN660-2	–	Wear Group T ≤ 2.0 mm ³
Bacteria Resistance	ISO 846: PART C	–	No Observed Growth
Ramp Test	DIN 51130	–	R10
ADA Standards for Accessible Design	CHAPTER 3 SECTION 302.1	Floor surfaces shall be stable, firm and slip-resistant	Meets
Antistatic Properties	EN 1815	≤ 2.0 kV	Meets (antistatic)
Static Coefficient of Friction**	ASTM D2047/ UL 410	≥ 0.6	Meets

2.4 Sustainability

LEED™ v4.1	Medintech Medintone
B DO - EPD	Product Specific
B DO - Material Ingredient	HPD
B DO - Sourcing	5% pre-consumer recycled content
Location of Manufacturer	EPR - On&On Recycling Program
Low Emitting Flooring	China
Low Emitting Adhesives	Tested and third party certified by FloorScore as complying with CDPH v1.2
SCAQMD #1168 Compliant.	Tested and compliant to CDPH v1.2; Methylene Chloride and Perchloroethylene not intentionally added; FloorScore Certified
Adhesives meet <50 g/L requirement.	S-995 – 0 g/L S-580 – 0 g/L
WELL v1 Feature	Medintech
Air	Medintone
Feature 04 - VOC Reduction	✓
Feature 11 - Fundamental Material Safety	✓
Feature 25 - Toxic Material Reduction	✓
Mind	✓
Feature 97 - Material Transparency	✓
Feature 88 (Part 2) Biophilia I - Qualitative	✓
Feature 99 - Beauty and Design II	✓
WELL v2 Feature	Medintech
Materials	Medintone
Feature X01.1 Material Restrictions	✓
Feature X05.1 Enhanced Material Restrictions	✓
Feature X06.1 VOC Restrictions	✓
Feature X06.2 VOC Restrictions	✓
Feature X07.1 Material Transparency	✓
Mind	✓
Feature M02.1 Nature and Place	✓
Community	✓
Feature C13 (Part 2) Accessibility and Universal Design	✓
Carbon Footprint	Medintech Medintone
Global Warming Potential, Biogenic Carbon	0.80 Kg CO2 eq. / square foot
Raw Materials (A1) through Production (A3)	(8.59 Kg CO2 eq. / square meter)

2.5 Limited Warranty

10 Year commercial warranty when installed in strict accordance with the detailed instructions or a produce that is of equivalent quality and specifications.

PART 3 - EXECUTION

3.1 Preparation

- a. Remove existing Tile as required for installation of new as indicated.
- b. Clean floors of dust, dirt and prepare floors as per the manufacturers printed instructions. Allow too thoroughly dry.
- c. It will be the contractor's responsibility to determine if extra preparation of existing subfloor is required or if a new subfloor is required at install. If tile is installed on an improper subfloor, it will be the contractor's responsibility to correct the problem and replace the tile should the installation fail. If extra preparation of subfloor needed the contractor must identify it before proceeding with installation.

3.2 Installation

- a. Install Sheet Flooring in accordance with manufacturers printed instructions. Installation must be done in a way to maximize on warranty of the product being installed.
- b. Cut and fit tightly around all fixed objects such as pipes and door frames.
- c. When meeting another color of flooring in a doorway make sure that the transition is under the center of the door. Transition will be of a type and quality used in a commercial setting.
- d. New resilient base: Top set, coved, 3 mm thick, rubber, 100 mm high (verify matches existing) including pre-moulded end stops and external corners. At corners over 300 mm use wrap around system. At doors and corners less that 300 mm, use pre-moulded corners. Colour to match existing. Amtico or Johnsonite or equal.

3.3 Protection of Finished

- a. Protect work areas of finished floors from traffic for 24 hours after completion.