



.1 General

- .1 Provide adequate access to utilities above suspended ceilings. Ventilate ceiling spaces as required.
- .2 Specify water resistant and washable ceiling surfaces in high humidity spaces (food preparation, showers, washrooms, etc.)
- .2 Provide mould resistant and anti-microbial treated products where suitable such as high moisture locations, food service areas etc.

.2 Acoustical Ceilings

- .1 Metal t-bar suspension systems and acoustic tile units.
 - .1 Prefinished baked enamel; white.
 - .2 Typical: 610x1220 mm grid with 15/16" reveal
 - .3 Custom: only where necessary to match existing layout or areas designed for enhanced architectural appeal, 610x610mm grid; tegular or square lay-in; white, or other system to suit application.
 - .4 Duty: intermediate for typical ceiling tile (mineral fibre. Heavy duty for wood or GWB panels
 - .5 Products: Armstrong Prelude; Donn; Approved equivalent.

.3 Acoustical Units for Suspended Ceiling System

- .1 Gypsum panels are preferred; acoustic tiles are acceptable alternatives:
 - .1 Gypsum panel
 - .1 Square lay-in
 - .2 Acceptable Manufacturers:
 - .1 Armstrong - Prelude;
 - .2 CGC – Donn
 - .3 approved equivalent
 - .2 Acoustic Tile
 - .1 Mineral Fibre Panel, medium texture, white
 - .2 Noise Reduction Coefficient (NRC) designation of 0.70 typical (0.55 minimum)
 - .3 Ceiling Attenuation Class (CAC) rating 40 (35 minimum)
 - .4 Light Reflectance (LR) of minimum 0.84.
 - .5 Products - Preferred:
 - .1 Armstrong - School Zone Fine Fissured, 19 mm thick, no added formaldehyde.
 - .2 CGC - Radar ClimaPlus high NRC
 - .6 Products – Acceptable (with budget constraints and if not in conflict with LEED certification):
 - .1 Armstrong Fine Fissured, 16 mm thick
 - .2 CGC - Radar ClimaPlus
 - .3 Armstrong Dune



.1 General Flooring Selection Considerations

- .1 Carpet Tile (Refer to Section 9.4)
 - .1 Classrooms
 - .2 Lecture Halls
 - .3 Computer Labs
 - .4 Seminar Rooms
 - .5 Office spaces
 - .6 Meeting and Conference Rooms

- .2 Ceramic Tile (Refer to Section 9.5)
 - .1 Lobbies and Entryways (extend minimum 10m from entrances)
 - .2 Corridors
 - .3 Washrooms and Shower Rooms
 - .4 Lunch Rooms
 - .5 Food Service Spaces

- .3 Linoleum (Refer to Section 9.3)
 - .1 Corridors
 - .2 Lunch Rooms
 - .3 Food Service Spaces
 - .4 Laboratories (non wet)

- .4 Sheet Vinyl (Refer to Section 9.3)
 - .1 Washrooms and Shower Rooms (Small)
 - .2 Laboratories (wet and/or chemical exposure)
 - .3 Janitorial / Utility

- .5 Polished Concrete / Terrazzo
 - .1 Lobbies and Entryways
 - .2 Corridors
 - .3 Mechanical, Electrical and Service Spaces

.2 Matting

- .1 Walk-off Entry Mats
 - .1 Institutional Grade
 - .2 Extend min. 4m from entrances on slip-resistant surfaces and 6m on slippery floors.
 - .1 Matting shall be installed on flush floor; mat wells (depressions) are not acceptable.
 - .2 Acceptable products: min. 7.94 mm thick; nylon polypropylene; vinyl backed, heavy edged and containing min. 30% recycled material:
 - .1 Grizzly FX, or 3M Normad 8850



.1 Sheet Linoleum 2.5mm thick – PREFERRED Resilient Sheet Flooring

.1 Applicable areas: dry areas (corridors, lecture theatres, classrooms, lunchrooms). Acceptable Products:

- .1 Marmoleum Real - by Forbo Flooring Systems.
- .2 Linoleum Harmonium XF - by Tarkett / Johnsonite.

.2 Sheet Vinyl - V1.

.1 Applicable areas: occasionally wet (labs, cafeteria, dining areas, washrooms, etc). Acceptable Products:

- .1 Preferred: Tarkett iQ Optima or Granit (2.0 mm homogeneous)
- .2 Acceptable, (limited budget):
 - .1 Armstrong - Connection Corlon, wearing surface: minimum 1.27mm.
 - .2 Tarkett – Contract Plus, 2.0 mm Homogeneous with PUR surface treatment.

.3 Sheet Vinyl – V2.

.1 Applicable areas: occasionally wet and where chemical resistance is required (labs, chemicals storage, etc). Acceptable Products:

- .1 Tarkett iQ Optima (GOOD chemical resistance)
- .2 Tarkett Acczent - Glass or Steel - (EXCELLENT chemical resistance)

.4 Sheet Vinyl – V3 - Slip Retardant, Safety Flooring:

.1 Applicable areas: wet floors (food service; labs; washrooms, etc). Acceptable products:

- .1 Labs and Washrooms: Tarkett Safe-T Sheet.
- .2 Food Service, Ramps, heavy traffic areas: Altro Designer 25

.5 Sheet Vinyl - V4 - Slip Retardant:

.1 Applicable areas: wet floors (showers, change rooms).

.2 Acceptable products - homogeneous, 2.0mm thick, raised texture surface, slip retardant, waterproof c/w flash-coved base:

- .1 Showers: Tarkett Granit Multisafe and Altro Marine 20 - by Altro Floors
- .2 Locker & Change Rooms: Tarkett Safe-T Sheet

.6 Seams: heat welded, thread in colour to match flooring.

.7 Guarantee: five (5) years.

.8 Accessories

.1 Stair Nosings

.1 Stair nosings shall be flexible vinyl, wire reinforced nose, with co-extruded 50mm wide photo-luminescent strip, in colours to be selected from manufacturer's standard range. Acceptable product:

- .1 Johnsonite Safety-T-First
- .2 At carpet use double undercut style PIVCD-XX to suit carpet thickness.
- .3 At linoleum use style PIRCN-XX to suit linoleum thickness.
- .4 Fill void between nose and tread with Epoxy caulking, to prevent ungluing of nosing.

.2 Reducer strips: provide at all exposed edges of flooring materials. Where flooring terminates in a door opening, centre reducer under door.



.1 General:

- .1 Carpet tile is the preferred carpet product used on campus. Broadloom is not acceptable.
- .2 The University maintains a list of pre-qualified carpet suppliers, and pre-approved product list standard for all applications on campus.
- .3 Select carpet from the pre-approved product range as identified below, to suit project budget.

.2 Suppliers and Products:

Supplier	Floor Coverings International	P: 250-704-0010
Contact	Suzette Goldsworthy	F: 250-370-0203
	C: 250-883-4964	E: suzette.goldsworthy@floorcoveringsinternational.com

Manufacturer	Collection - Pattern - Pattern Name	Price
Mannington	Down To Earth Collection	higher price
Mannington	Everywhere Collection	
Mannington	Viewfinder Collection	
Mannington	Cartography Collection	
Tandus	Crayon / Mayhem li / Haiku	
Shaw Contract	Shade Collection - Brilliance, Striking, Umbra, Eclipse	
Shaw Contract	Steppin Out Collection - Bon Jour, Welcome	
Shaw Contract	Repatee	
Shaw Contract	Right Choice Collection - In A Snap, That The Ticket, Instant Style	
Shaw Contract	Work Tile Collection - Focus, Embrace, Escape	
Shaw Contract	Spice Collection - Borneo, Malang, Seram	

Supplier	Island Floor Centre Ltd	P: 250-475-7743
Contact	Bob English	F: 250-475-3399
		E: bobenglish@islandfloors.com

Manufacturer	Collection - Pattern - Pattern Name	Price
Shaw Contract	No Rules Collection - In A Snap, Nothing To It, Simply Done, Colour Play, Kinetic	medium price
Shaw Contract	Blox - Shadow Play	
Interface Floors	Entry Level	
Interface Floors	Cubic	
Interface Floors	Cubic Colours	
Interface Floors	Cubic Form Function Collection - Profile, Grillwork, Turbulence, Equation	
Interface Floors	Viewpoint Collection - Panorama, Urban Grid, Pathways, Peak District	



Supplier	Graphic Office	P: 250-544-3506
Contact	Larry Myhres	F: 250-544-6663
	C: 250-713-2959	E: lmyhres@graphicoffice.com
Manufacturer	Collection - Pattern - Pattern Name	Price
Milliken Contract	Bioview & Biogrid - Major & Minor	lower price
Milliken Contract	Design Rhythms - Classic Currents Moonspinner, Quiet Leafery, Zirconia	
Milliken Contract	Sisal Style - Savanna, Sisal Cord	
Milliken Contract	Sisal Duet - Major & Minor	
Milliken Contract	Raffia - Ribbon, Tex	
Milliken Contract	English Rattan - Rattan Squares	
Milliken Contract	Simply This - Classic - Block, Column, Cross Section	
Milliken Contract	Simply This - Elemental - Archetype, Mode	
Milliken Contract	Simply This Essential - Graph, Lined, Squared	
Milliken Contract	Simply This - Modern - Chaise, Chiari	
Milliken Contract	Simply This - Modern - Nelson, Tubular	
Milliken Contract	Simply This - Stated - Phased, Positive, Reverse	
Milliken Contract	Straight Talk - Candid Shot, Eye Contact, Open Book, Snap Back	
Milliken Contract	Theory - Blip, Cram, Dewey, Eueka, Mad Professor, Pop Quiz, Quiet Please, Stacks	
Milliken Contract	Simply That - Artistic - Avant- Display - Exhibit	
Milliken Contract	Simply That - Inspired - Air, Ambiance, Atmosphere	
Milliken Contract	Simply That - Structured - City Block, High Rise	
Milliken Contract	Simply That - Timeless - Am, Clockwise, Synchronicity, Tick Tock	
Milliken Contract	Remix - Bebop, Freestyle, Shimmy, Strut	



.1 Ceramic Tiling

- .1 Ceramic tile types:
 - .1 Flooring tile: slip-resistant, non-glazed porcelain.
 - .2 Wall Tile: glazed porcelain.
- .2 Tile size: between 200x200 and 400x400 to minimize amount of grout lines and facilitate floor slope to drain. Other sizes (i.e. 100x200, 100x400, etc) are acceptable for base and accent colour band applications. Small mosaic tiles are not acceptable in any application.
- .3 Grout: stain and/or acid resistant, where required. Avoid light colours grout.
- .4 Wet spaces
 - .1 Preferred: tiling of entire wall surface.
 - .2 Acceptable (constrained budget): partial tiling, extended as follows:
 - .1 Horizontally min. 200 mm past the edge of showers and tubs.
 - .2 Vertically to min. height of 1800mm in washrooms and 2000mm at showers / tubs.



.1 Quality Assurance & Control

- .1 The design of all paint and coating systems, surface preparation and maintenance shall be in accordance with the Master Painter's Institute (MPI) – Architectural Painting Specification Manual (Latest Edition) for new surfaces, and the MPI Maintenance Repainting Manual (Latest Edition) for re-painting and previously un-coated surfaces.
- .2 For projects that contain both new and existing surfaces, specify both new and existing systems as necessary (ie. INT 9.2B (new) & RIN 9.2B)
- .3 For existing surfaces, DSD values shall be evaluated and specified by the Consultant. Alternatively, specify minimum system requirements (including prep, priming, sealing etc.) as described by the MPI standard.
- .4 All paint systems shall be MPI "premium grade". Other materials such as linseed oil, shellac, thinners, solvents, etc. shall be the highest quality product of an MPI listed manufacturer.

.2 Approved Paint Manufacturers

- .1 As per MPI Approved Products Listings:
 - .1 Preferred: General Paint, Cloverdale Paints
 - .2 Acceptable: Benjamin Moore, Pratt and Lambert

.3 Exterior Painting

- .1 Metal fabrications
 - .1 Marine grade system, such as epoxy coat and aliphatic urethane topcoat.
 - .2 Typical gloss level: semi-gloss for miscellaneous metals.
- .2 Exposed Architectural Concrete
 - .1 Anti-graffiti coating.

.4 Interior Painting

- .1 Interior walls and ceilings:
 - .1 All areas: Latex, MPI gloss level 3 "eggshell like".
 - .2 Laundry rooms, public wash / shower / bathrooms / prep areas: washable latex G5 (semi-gloss) finish.
 - .3 Public change / wash / shower rooms and "clean" or "sanitary" areas such as food preparation and laboratory areas: epoxy (tile-like) MPI gloss level 5 (semi-gloss) finish.
 - .4 Custodial Closets:
 - .1 Throughout: washable latex MPI Gloss Level 5 (semi-gloss)
 - .2 Behind and adjacent to floor sink: epoxy (tile-like) G5 (semi-gloss) finish. Extend:
 - .1 Horizontally min. 200 mm past the edge of floor sinks.
 - .2 Vertically to min. height of 900mm.
 - .5 Colours:
 - .1 Student Family Housing only: Cloverdale 937-2W. Formula: B-3 C-25 I-0.05
 - .2 Academic Buildings: Confirm with FMGT Project Officer.
 - .1 Old standard – only to match existing: 937-2W
 - .2 New standard – typical: 8443 - Cloverdale
- .2 Doors, frames, trim and sills: MPI gloss level 5 (semi-gloss) finish.



.1 Acoustics

- .1 Partitions shall extend to the underside of slab above and have batt sound insulation in wall cavity. Provide specific sound transmission class (STC) ratings when separating a core learning space from and adjacent space
 - .1 STC-45 if the adjacent space is a corridor, staircase, general office or conference room.
 - .2 STC-50 if the adjacent space is another core learning space or the outdoors.
 - .3 STC-53 if the adjacent space is a restroom.
 - .4 STC-60 if the adjacent space is a music room, mechanical equipment room, cafeteria, or other public assembly space.

- .2 Provide specific sound transmission class (STC) ratings when separating the following space types:
 - .1 STC-45 Office to Office
 - .2 STC-52 Executive Offices to adjacent spaces
 - .3 STC-53 Restroom to offices
 - .4 STC-60 Office to music room, mechanical equipment room, cafeteria or other public assembly space.

- .3 Maintain the integrity of sound control ratings through walls and floors; specify adequate sealing of perimeter joints, walls to windows joints and all penetrations.