PURCHASING SECTION
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Tel: 604-590-7274
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ADDENDUM No. 4

REQUEST FOR QUOTATIONS No.:	**1220-040-2016-027**
TITLE:	**SUNNYSIDE COMMUNITY HALL RENOVATION**
ADDENDUM ISSUE DATE:	**OCTOBER 7, 2016**
REVISED DATE:	**PREFER TO RECEIVE QUOTATIONS ON OR BEFORE OCTOBER 17, 2016.**

INFORMATION FOR CONTRACTOR

Contractors are advised that Addendum No. 4 to RFQ 1220-040-2016-027 is hereby issued by the City. This addendum shall form part of the Contract Documents and is to be read, interpreted and coordinated with all other parts. The following information is provided for the above named project, to the extent referenced and shall become a part thereof. No consideration will be allowed for extras due to the Contractor or any sub-contractor not being familiar with this addendum. This Addendum No. 4 contains nineteen (19) pages in total including attachments.

INFORMATION ONLY

1.   **REVISED DATE: The City would prefer to receive Quotations on or before October 17, 2016. The City's office hours are 8:30 a.m., Monday to Friday, except statutory holidays.**

2.   **Inquiries: All Inquiries should be made no later than 5 business days before submission Date.**

3.   **Refer to attached SK-8 for wall furring and acoustic wall panels in Hall 106 walls.**

4.   **Clarification on the Cabinet:**
      Door Style: Square Line Profile
      Colour: Wool 107-10
      Edge Detail: Top and bottom edges to have white color 2mm ABS
      Material: Wool 107-10 Greenlam
      Substrate: Substrate: ¾" PBC
      Backer: Backer: white liner

5.   **Bobrick Solid Phenolic Toilet Partitions (1080 Series) are approved as an acceptable alternative to that specified in the solicitation documents.**

6.   **Refer to S.P.2 Scope of Work in Schedule B – Appendix 1.**

Delete all (Architectural, Structural and Mechanical) tables and replace with the following tables:

Architectural and Electrical		
ITEM	ROOM	TASK
1	Exterior (Building)	Supply/install new doors, door frames, and hardware
2	Exterior (Building)	Replace existing windows
3	Exterior (Building)	Add 2 new windows to north elevation (Hall)
4	Exterior (Building)	Add 1 new windows to south elevation (Office)
5	Exterior (Building)	Supply and Install metal handrail in exit stair (north-west corner)
6	Exterior (Building)	Provide wheel chair accessible door transition at Lounge door threshold
7	Interior (All rooms)	Remove all light fixtures and replace with new
8	Interior (All rooms)	New paint
9	Interior (All rooms)	Supply/install new doors, door frames, and hardware
10	Interior (All rooms)	Supply/install wall protection panels
11	Interior (All rooms)	Supply/install SS corner guards
12	Interior (All rooms)	Hazmat abatement
13	Interior (All rooms)	Supply and install new light fixtures
14	Interior (All rooms)	Supply and install wall base (6" rubber base or tile)
15	M&F Washrooms	Demo existing walls and ceilings
16	M&F Washrooms	Remove existing sheet flooring
17	M&F Washrooms	Build new walls and ceilings with DensShield Tile Backer
18	M&F Washrooms	Supply/install new tile floors and wall tile finishes
19	M&F Washrooms	Supply/install new plumbing fixtures
20	M&F Washrooms	Supply/install new WR accessories
21	M&F Washrooms	Supply/install new Corian vanity counters (incl. 6" backsplash and 4" apron)
22	M&F Washrooms	Supply/install new Phenolic toilet partitions
23	M&F Washrooms	Revise plumbing and ventilation to suit new configuration
24	M&F Washrooms	Supply and install automatic door operators
25	M&F Washrooms	Revise electrical to suit new configuration
26	M&F Washrooms	Revise mechanical to suit new space configuration
27	Kitchen	Demo existing walls and ceilings
28	Kitchen	Demo all existing cabinets (incl. countertops)
29	Kitchen	Remove existing sheet flooring
30	Kitchen	Build new walls

31	Kitchen	Supply/install new kitchen cabinets incl. island
32	Kitchen	Supply/install new floors and wall finishes
33	Kitchen	Supply/install new 2'x4' T-bar and washable acoustic ceiling tile
34	Kitchen	Replace accordion doors in pass-through openings for new acoustically insulated accordion doors
35	Kitchen	Supply/install new sink (double bowl), faucet and Janitor closet
36	Kitchen	Supply and install Corian countertops (incl. 6" backsplash)
37	Kitchen	Revise electrical to suit Kitchen appliances new location (fridge, stove, range hood, microwave)
38	Kitchen	Built Janitor closet include floor mounted mop sink
39	Kitchen	Revise mechanical to suit new space configuration
40	Lobby	Demo existing walls and ceiling
41	Lobby	Remove existing sheet flooring
42	Lobby	Build new walls and ceilings
43	Lobby	Supply/install new tile floor including tile wall base
44	Lobby	Upgrade and relocate fire alarm system and anunciator panel
45	Lobby	Revise mechanical to suit new space configuration
46	Lobby	Revise electrical to suit new space configuration
47	Hall	Demo existing interior wall layers
48	Hall	Remove acoustic wall tiles and wood trims
49	Hall	Remove acoustic ceiling and ductwork (between GL 1&2)
50	Hall	Patch and make good wood deck ceiling
51	Hall	Replace accordion doors for new acoustically insulated accordion doors
52	Hall	Build additional storage space along GL 5
53	Hall	build coat racks and shelves
54	Hall	Demo small storage on south-east corner
55	Hall	Revise electrical to suit new configuration
56	Hall	Revise electrical to suit new space configuration
57	Hall	Revise mechanical to suit new space configuration
58	Storage rooms	Demo existing walls and ceiling
59	Storage rooms	Remove existing flooring
60	Storage rooms	Demo existing cabinets
61	Storage rooms	Build new walls and ceilings
62	Storage rooms	Supply/install new vinyl sheet floor
63	Storage rooms	Build lockable storage cabinets
64	Lounge	Demo existing walls and ceiling
65	Lounge	Remove existing sheet flooring
66	Lounge	Supply/install new vinyl sheet floor
67	Lounge	Supply/install new 2'x4' T-bar and acoustic ceiling tiles
68	Lounge	Build new office space
69	Lounge	Revise electrical to suit new space configuration
70	Lounge	Revise mechanical to suit new space configuration

Structural		
ITEM	ROOM	TASK
1	Hall	Create 2 new window openings and provide structural reinforcement to suit

Mechanical		
ITEM	ROOM	TASK
1	Interior	Removal of existing domestic water piping
2	Interior	Installation of new domestic piping, hot water re-circulation piping and venting to new plumbing fixtures
3	Interior	Removal of existing plumbing fixtures
4	Interior	Installation of new plumbing fixtures
5	Interior	Cap-off existing sanitary piping
6	Interior	Installation of new sanitary piping and connecting to existing sanitary mains
7	Interior	Installation of new domestic hot water re-circulation pump, mixing valve and balancing valves.

QUESTIONS AND ANSWERS:

Q1:   Is there vermiculite insulation in the concrete block?
A1:   Yes, there is asbestos containing vermiculite in block wall cavities. This material must be abated/disposed and included in the scope of work using a minimum of high risk work procedures. EcoHazMat destructive sampling report is attached.

Q2:   Please provide further information regarding the following:

Q2.1:   Specification of wall protection panels.
A2.1:   ½" painted MDF. 1/8" bevelled edges/vertical joints. PL adhesive and nailed to substrate.

Q2.2:   Specification of anti-facture membrane on tile surfaces.
A2.2:   See attached Flextile – Flexmat spec. sheet.

Q2.3:   Specification of horizontal blinds on windows.
A2.3:   Roller blinds. Refer to Addendum #2.

Q2.4:   What work is required to upgrade platform, stairs and ramp?
A2.4:   This work has been deleted from the scope of work. Refer to table above.

Q2.5:   What painting to the exterior of the building is required?
A2.5:   Only paint touch-ups to make good exterior walls as a result of new windows and doors, etc. Colour to match existing.

Q3.   Can the structural engineer indicate what shoring is required?
A3.   Shoring falls under the contractor's responsibility.

Q4:   For the kitchen door and drawers, I notice selected AMPCO in fullwrap design. Also i see wood pattern laminate finish and wool color are selected. What is these two colour for?
A4:   All kitchen doors and drawers in Wool 107-10 (wood pattern laminate veneer is not required).

Q5:   What is the material for the kick plate? Painted stainless steel.

A5:   Door kick plates to be stainless steel as per door schedule. Kitchen cabinets toe kick finish to be 4" rubber base.

Q6:   What is the material of wall protection panel?

A6:   See A2.1

Q7:   On reviewing all the drawings and spec's for Sunnyside we noted that there is a reference to a lighting controller in the lighting spec's (see attached). Could more detail be provided as to location and quantity of switches and which lights are being controlled by the controller? As well, the switches for all areas are not indicated on the drawings.

A7:   Cylinder lights are to be controlled by a dimmer. Refer to A-1 to A-7 for existing and new location of electrical items.

Q8:   I have come across this specification for Sunnyside Community Centre renovation and would like to ask if Armstrong Medintone could be added as an alternate. As of the end of October, Armstrong is launching their Diamond 10 finish on their Homogenous products. This will be the same great floor with an even better proprietary new finish.

A8:   Armstrong Medintone is approved as an acceptable alternative to that specified in the solicitation documents. See attached spec. sheet.

Q9:   During the contractor's info meeting this morning Chris Mitshe at Envirovac asked if the glue/compound used to secure the acoustic wall tiles contain asbestos, can you please advise? Apparently, removing these putties (at least one per tile) from the block wall to allow for the installation of the new acoustic panels can be labour intensive.

A9:   The mastic behind the 12"x12" acoustic wall tiles is non-detected for asbestos. Remove as required to allow for the installation of the new acoustic wall panels.

Q10:   I would like to get some clarifications to the bid documents - Addendum # 2 has added Hunter Douglas roller blinds over all windows. At the site meeting this morning I pointed out that the windows in the Hall will have a surface mounted C channel beam directly above them and would interfere with the mounting of the blinds. I was told that the block wall is to be furred out but there is nothing on the drawings to indicate this, the only thing I could find is the detail for the windows in Addendum #2 which shows a 1x2 trim piece and batt insulation. There are a couple of issues with this the beam called for will be much deeper than 3/4" that the 1x2 is so that the beam will still be showing through the drywall.2. The detail is showing 3/4" batt insulation which is not made. Can we get clarification regarding strapping the block wall, the strapping materials and the type of insulation to be installed.

A10:   Roller shades can be mounted inside the window opening; either to the window head or to the jambs. All inside face of walls in Hall 106 are to be furr-out as per SK-1, SK-2, & SK-3. Steel beam to be sheathed in drywall. Provide insulation to suit the wall cavity. Wood strapping similar to existing (1"x2").

Q11:   Are there mechanical drawings for:

1.   the duct work for the 15" diameter Air Diffusers shown in the Hall area drawing A-7, Reflected Ceiling Plan?
2.   the rework of duct work in the crawl space required for the 3 relocated floor grilles in the Office, female Washroom and Vestibule and the new floor grille in the Male Washroom called up as Items 23, 26, 39, 45, 57 and 70 in Schedule A?

A11:   New mechanical ductwork (incl. air diffusers in ceiling) in Hall 106 space only is not part the scope of work. New floor grilles and all duct work associated with these should match existing.
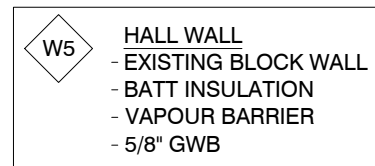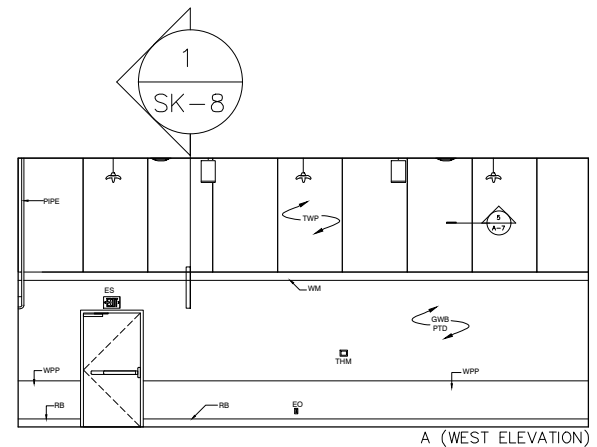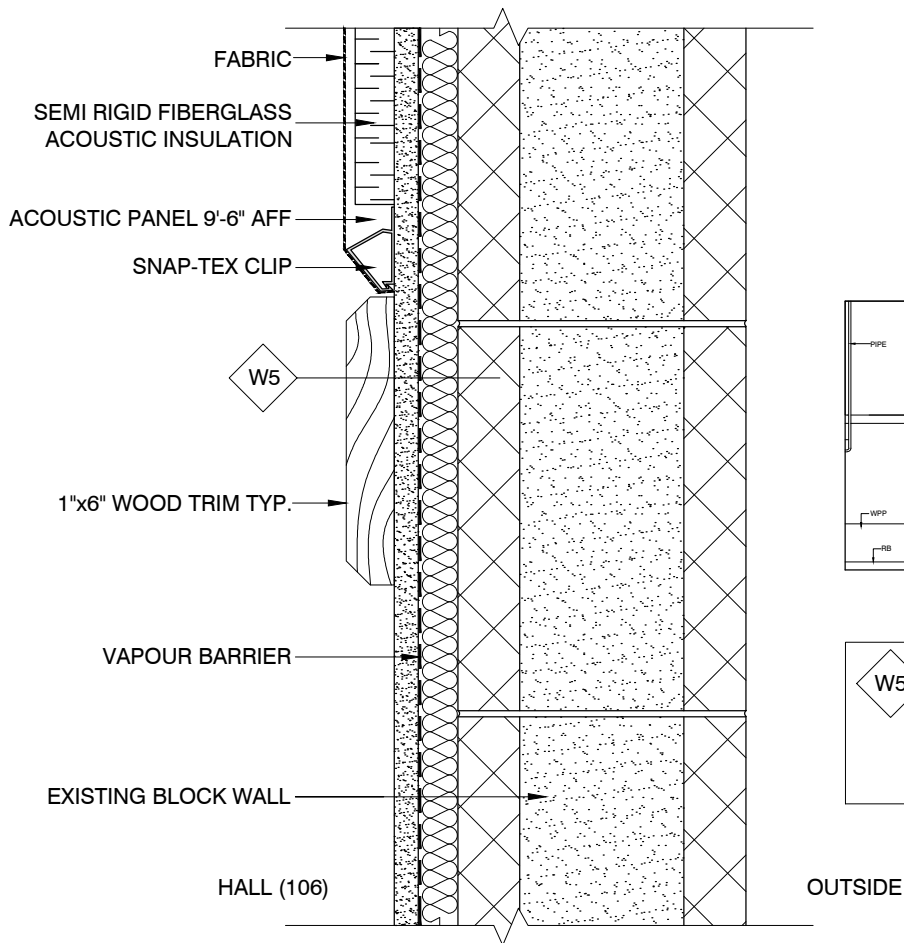
Q12: Please provide me with the details regarding quote for the blinds required for the Sunnyside Community Hall. Fabric required etc.?

A12: Refer to Addendum #2. Fabric: light control 3 (semi-sheer, no view through). Solid grey colour from the standard colour options.

Q13: Will other suppliers for windows be accepted or will Starline be the only supplier considered?

A13: Submit a request for approval as equal.

- END OF ADDENDUM -

FABRIC

SEMI RIGID FIBERGLASS
ACOUSTIC INSULATION

ACOUSTIC PANEL 9'-6" AFF

SNAP-TEX CLIP

W5

1"x6" WOOD TRIM TYP.

VAPOUR BARRIER

EXISTING BLOCK WALL

HALL (106)

OUTSIDE

TYP. FURRING DETAIL @ CMU ON NORTH, SOUTH & WEST WALLS (HALL 106)

1 / SK-8   3"= 1'-0"

1 / SK-8

A (WEST ELEVATION)

PIPE
TWP
WM
ES
GWB PTD
THM
WPP
RB   RB   EO   WPP

W5	HALL WALL
	- EXISTING BLOCK WALL
	- BATT INSULATION
	- VAPOUR BARRIER
	- 5/8" GWB

Richelieu Building Specialties

Formerly Panel Products
Unit 3220- 6900 Graybar Road
Richmond, BC V6W 0A5
Direct Line: (604) 214-5662 ▪ Fax: (604) 273-4781

REQUEST FOR SUBSTITUTION FORM

From: Richelieu Building Specialties

To: Richard D. Oppelt

Pages : 6

RFS No: _____

(RFS No. To be completed by Consultant)

Issue Date: Oct 6 2016

Product, Material or Equipment Required of the Contract Documents:

Specification Section: __Toilet Partitions__   Drawing No./Detail: __A-1__

Description: _____

Approved Product:

Description: AMPCO Solid Phenolic Toilet Partitions

Requested Substitute Product:

Description: Bobrick Solid Phenolic Toilet Partitions (1080 Series)

Attachments Included: ☐ Drawings   ☑ Product Data   ☐ Samples   ☐ Test Reports

☐ Other: _____

Reason for Substitution: __cost saving and equal to/better than specified__

Has this item been used in a similar application?   ☑ Yes   ☐ No

Should you have further questions, please do not hesitate to contact us.

If these products meet with your approval, may we look forward to their inclusion in your standard specifications?

Thank you for your consideration.

Yours truly,

Candice Yue
Jr Sales / Estimator
Email: CYue@richelieu.com

Accepted for Approval:_____

Date:_____

DESIGN

DURABLE

Features

Durable phenolic solid-core construction

Ultra-hard Graffiti-Off surfaces

Scratch, dent, moisture and impact-resistant

3/4″ Doors/stiles and 1/2″ panels

Concealed stainless steel hardware

Class A (1180 Series) and Class B (1080 Series) ASTM E 84 Interior Wall and Ceiling Finish Classification

Wide selection of colors and patterns

Emergency access doors

Material Specifications

Solidly fused plastic laminate with matte-finish melamine surfaces; integrally bonded colored face sheets and black phenolic-resin core.

Notes	Options	Price Index	
Rapid⚡Response: 10-days or less, 18 standard colors / patterns, up to 25 compartments.	Gap-Free Privacy Design	SCRC	2.7
	Maximum-Height Privacy	CL	2.4
25-Year Warranty	Heavy-Duty Continuous Stainless Steel Hardware	HDPE	1.9

Note: 10-Day Program excludes Class A fire-rated 1180 Series and Maximum Height Options.
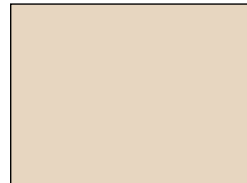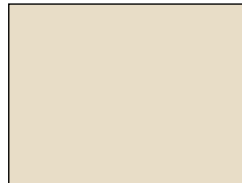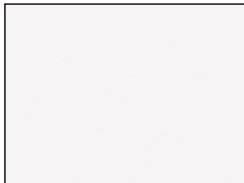
BOBRICK

COMPACT LAMINATE (SOLID PHENOLIC)

MATERIAL DESCRIPTION: MULTIPLE LAYERS OF RESIN-IMPREGNATED KRAFT PAPER WITH COLOR AND CLEAR ULTRA HARD MELAMINE SURFACE SHEETS.

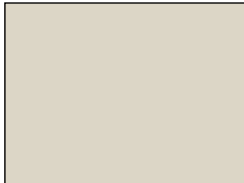**WHITE 949-58**
ANTIQUE WHITE S-463-CA
ALMOND S-445-CA
SAND S-436-CA

WILLOW GREY S-431-CA
NATURAL CANVAS 7022-58
BEIGE GRIT P-887-CA
EVENING TIGRIS 4674-60

WESTERN STORM 4872-60
GREY GRIT P-886-CA
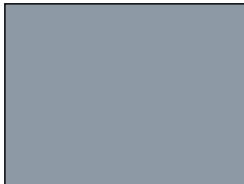**FLINT CRYSTALL 3518-58**
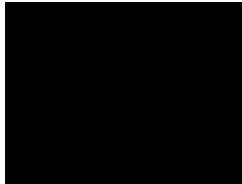**PEWTER MESH 4878-60**

LIMOUSINE GREY S-542-CA
DENIM BLUE S-513-CA
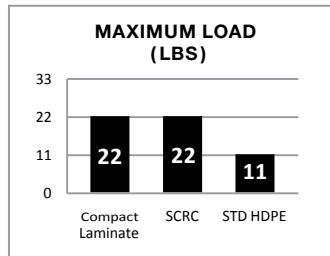**SPECTRUM BLUE 851-58**
GRAPHITE GRAFIX 515-58

BLACK STAR P-500-CA
BLACK 909-58

DURABLE

ROBUST / VANDAL-RESISTANT

MAXIMUM LOAD (LBS)

- 33
- 22 — Compact Laminate: 22, SCRC: 22
- 11 — STD HDPE: 11
- 0

Compact Laminate | SCRC | STD HDPE

SCRATCH RESISTANCE*

MAXIMUM IMPACT FORCE (INCHES/LBS)

- 60
- 40 — Compact Laminate: 48, SCRC: 34
- 20
- 0 — STD HDPE: 2

Compact Laminate | SCRC | STD HDPE

IMPACT RESISTANCE*

GRAFFITI MARKS CLEANED (9 APPLIED)

- 10
- 5 — Compact Laminate: 8, SCRC: 9
- 0 — STD HDPE: 3

Compact Laminate | SCRC | STD HDPE
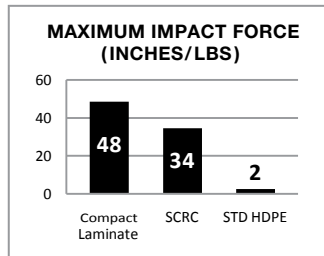
GRAFFITI RESISTANCE*

*PER ASTM TEST METHODOLOGY, RESULTS ON FILE.
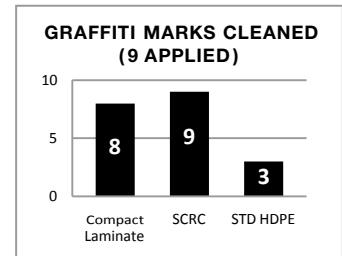
DESIGN

INTEGRATED PRIVACY / SUPERIOR FIT AND FINISH

STANDARD CONCEALED HARDWARE

GAP-FREE INTERLOCKING DOORS AND STILES

MAXIMUM-HEIGHT

COMPLIANT

FIRE CODE / ACCESSIBILITY

- MEETS THE MOST CURRENT FIRE CODE REQUIREMENTS (ASTM E 84 INTERIOR WALL FINISH).

- ADA COMPLIANCE: OPERABLE WITH ONE HAND, WITHOUT TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST, AND WITHOUT EXCEEDING FIVE POUNDS OF FORCE.

- REFER TO BULLETINS TB-73 AND TB-90, AND BOBRICK'S PLANNING GUIDE FOR ACCESSIBLE RESTROOMS.

- ALL BOBRICK REFERENCE MATERIALS ARE AVAILABLE FOR DOWNLOAD ON BOBRICK.COM.

FEATURES / BENEFITS SUMMARY

- DURABLE: ENGINEERED AND FABRICATED FOR YEARS OF SERVICE, BACKED BY A 25-YEAR WARRANTY.

- EXPEDITED SHIPMENTS: 10-DAY OR LESS RAPID⚡RESPONSE PROGRAM MEETS CUSTOMER DEADLINES.

- MOISTURE-RESISTANT: WITHSTANDS WET ENVIRONMENTS AND HOSE-DOWN MAINTENANCE.

- COMPLIANT: MEETS FIRE CODE PUBLIC SAFETY REQUIREMENTS AND ADA ACCESSIBILITY GUIDELINES.

- ROBUST HARDWARE: FACTORY-INSTALLED THREADED INSERTS AND OPTIONAL FULL-HEIGHT HARDWARE.

- FLEXIBLE: CHOICE OF FOUR MOUNTING CONFIGURATIONS MEET A VARIETY OF INSTALLATION NEEDS.

- PRIVACY: OPTIONAL GAP-FREE DOORS / STILES AND FULL-HEIGHT PANELS ELIMINATE SIGHT LINES.

BOBRICK

BUILDING VALUE SINCE 1906

BOBRICK
Technical Data

DuraLine®
COMPACT LAMINATE (SOLID PHENOLIC) PARTITIONS AND SCREENS

1080 SERIES

Specify Product Application:
☐ Toilet Partitions
☐ Dressing Compartments
☐ Shower Dividers
☐ Urinal Screens
☐ Entrance Screens
☐ With Outswing Door
☐ With Institutional Hardware (.67)

**Specify Series Required:**

		Gap-Free:
Floor-Anchored	☐ 1081 Series	☐ 1081G Series
Overhead-Braced	☐ 1082 Series	☐ 1082G Series
Post-to-Ceiling (Screens only)	☐ 1083 Series	
Wall-Hung (Screens only)	☐ 1085 Series	
Floor-to-Ceiling Anchored	☐ 1086 Series	☐ 1086G Series
Ceiling-Hung	☐ 1088 Series	☐ 1088G Series

for 8' 0" (244cm) Ceilings or as required up to 10' 0" (305cm) Ceilings

Melamine Surfaces
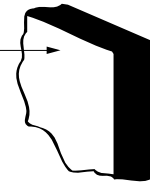
Compact Laminate Core Edges are Black

STANDARD-SIZE COMPONENTS:

Stiles: *For compartments* — 3", 4", 5", 6", 7", 8"[a], 10", 12", 16", 18", 20", or 24" (8, 10, 13, 15, 18, 20, 25, 30, 41, 46, 51, or 61cm) wide; *for screens* — 6" (15cm) wide. *Floor-anchored* — 69" (175cm) high; *overhead-braced* — 83" (211cm) high; *floor- to-ceiling anchored* — height as required; *ceiling-hung* — 83" (211cm) high for 8' 0" (244cm) ceilings or as required up to 10' 0" (305cm) ceilings.
Doors: 58" (147cm) high. *Inswing doors* are standard for 22" to 37" (56–94cm) widths in whole-inch increments. *Outswing*[b] *doors* are standard for 25" to 37" (64–94cm) widths in whole-inch increments.
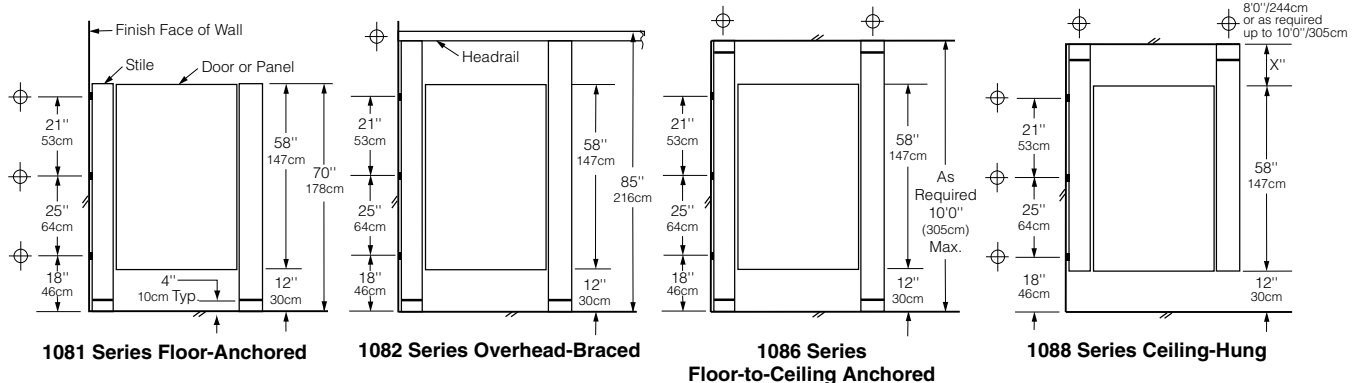**Wall Posts:** — 1-1/2" wide x 58" high (4 x 147cm).

Panels: *For compartments* — Up to 84" (213cm) wide; 58" (147cm) high. *For wall-hung screens* — 18" or 24" (46 or 61cm) wide; 42" or 48" (107 or 122cm) high. *For ceiling-hung and post-to-ceiling screens* — 24", 36", 48", or 60" (61, 91, 122, or 152cm) wide; 58" (147cm) high.
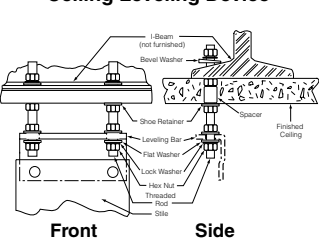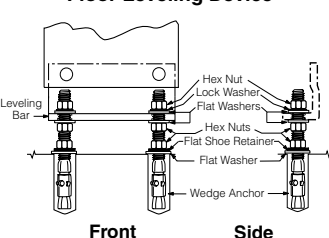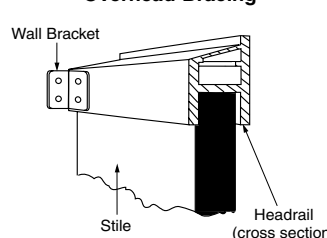**Posts:** *For 1083 Series post-to-ceiling screens only.* 1-1/4" (3cm) square. 10 ft (305cm); cut to required height in field.

[a] Minimum 8" (20cm) wide stile recommended for ceiling-hung and floor-anchored compartments.
[b] Use outswing doors to comply with local codes requiring access for physically disabled persons.

COMPARTMENT AND SCREEN ELEVATIONS

1081 Series Floor-Anchored

1082 Series Overhead-Braced

1086 Series Floor-to-Ceiling Anchored

1088 Series Ceiling-Hung

1083 Series Post-to-Ceiling Screen

1085 Series Wall-Hung Screen 42" or 48"

⊕ These mounting points require backing. For suggested backing methods, Bobrick Advisory Bulletins TB-32 for ceiling-hung installations and TB-46 for floor-anchored are available upon request.

TYPICAL HARDWARE DETAILS

Commercial Hardware (standard on all compartments)
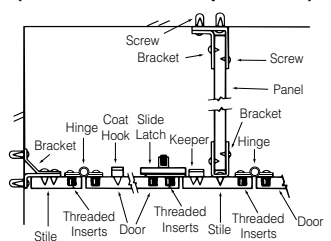
Institutional Hardware (.67 option)
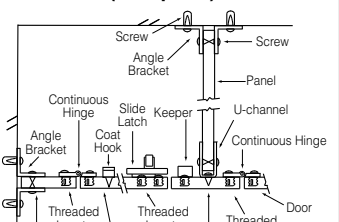
Standard gaps are provided at all walls and between components to allow for hardware attachment.

Wall gaps are standard 1/2" to 1"

TYPICAL INSTALLATION DETAILS

Ceiling Leveling Device

Floor Leveling Device

Overhead-Bracing

Front **Side**   **Front** **Side**

Revised 10/17/14   Printed in U.S.A.
© 2014 by Bobrick Washroom Equipment, Inc.

MATERIALS:

Stiles — 3/4" (19mm) thick, solidly fused plastic laminate with matte-finish melamine surfaces, colored face sheets, and black phenolic-resin core that are integrally bonded. Edges are black. **Leveling Device:** 3/16" (5mm) thick, corrosion-resistant, chromate-treated, double zinc-plated steel angle leveling bar bolted to stile; furnished with 3/8" (10mm) diameter threaded rods, hex nuts, lock washers, flat washers, spacer sleeves, expansion anchors, and shoe retainers. **Shoe:** 18-8, type-304, 22-gauge (0.8mm) stainless steel with satin finish; 4" (102mm) high.

Stiles for 1086 Series floor-to-ceiling anchored have a leveling device at each end.

Panels — 1/2" (13mm) thick, solidly fused plastic laminate with matte-finish melamine surfaces, colored face sheets, and black phenolic-resin core that are integrally bonded. Edges are black.

Urinal Screens — 1/2" (13mm) thick, solidly fused plastic laminate with matte-finish melamine surfaces, colored face sheets, and black phenolic-resin core that are integrally bonded. Edges are black.

Doors — 3/4" (19mm) thick, solidly fused plastic laminate with matte-finish melamine surfaces, colored face sheets, and black phenolic-resin core that are integrally bonded. Edges are black.

Posts (for 1083 Series screens only) — 1-1/4" (32mm) square tubing; 18-8, type-304, 18-gauge (1.2mm) stainless steel with satin finish. Floor and ceiling connections are constructed of 18-8, type-304, heavy-gauge stainless steel. Furnished in 10-ft (305-cm) lengths; to be cut in field to job specifications.

Headrail (for 1082 Series compartments only) — Extruded anodized aluminum with satin finish. Enclosed construction with sloping top. Face has raised grip-resistant edge.

Designer's Notes: Headrails with integral curtain tracks and hooks are available for compartments without doors. Optional vinyl curtains are available. Benches are available as an optional accessory for dressing compartments and shower dividers: 1/2" (13mm) thick, solidly fused plastic laminate with matte-finish melamine surfaces, colored face sheets, and black phenolic-resin core that are integrally bonded, 10" (25cm) deep, 18" or 24" (46 or 61cm) wide; furnished with two stainless steel support brackets for mounting to wall or divider panel.

Wall Posts — 1" x 1-1/2" (25 x 38mm) tubing; 18-8, type-304, 16-gauge (1.6mm) stainless steel with satin-finish. 58" (147cm) high, pre-drilled for door hardware.

Commercial Hardware (standard) — Hinges, door latches, door keepers, clothes hooks, and mounting brackets are constructed of 18-8, type-304, heavy-gauge stainless steel with satin finish. Threaded inserts are factory installed for securing hinges and door latches. Theft-resistant, stainless steel pin-in-head, torx screws are furnished for door hardware and all mounting brackets. Black rubber bumper on the latch serves as door bumper for inswing door. Balanced hinge is adjustable to hold door of unoccupied toilet compartment partially open or fully closed. Toilet compartment door is locked from inside by sliding door latch into keeper. A locked compartment may be opened from outside by lifting door to disengage latch from keeper. Track of door latch prevents inswing door from swinging out beyond stile; on outswing door, the door keeper prevents it from swinging in beyond stile.

Institutional Hardware (.67 option) — Hinges, door latches, door keepers, clothes hook, U-channels, and angle brackets are constructed of 18-8, type-304, heavy-gauge stainless steel with satin finish: one-piece, full-height hinge is 16 gauge (1.6mm); one-piece door keeper is 11 gauge (3.2mm); one-piece, full-height U-channels and angle brackets are 18 gauge (1.2mm). U-channels secure panels to stiles, and angle brackets secure panels and stiles to walls. Optional two door stops (#1002510) prevent door from being kicked in/out beyond stile by vandals. A locked compartment may be opened from outside by lifting door to disengage latch from keeper. Theft-resistant, stainless steel pin-in-head, torx screws are furnished for door hardware, U-channels, and angle brackets. Doors are equipped with a self-closing hinge. Threaded inserts are factory installed to secure door hinge and latch. Track of door latch prevents inswing door from swinging out beyond stile; on outswing door, the door keeper prevents it from swinging in beyond stile.

To specify institutional hardware, add suffix .67 to series number. Example: specify 1082.67 for overhead-braced partitions furnished with institutional hardware, including factory-installed threaded inserts for door hardware attachment.

INSTALLATION:

Bobrick installation instructions are packed with each shipment and are available also in advance on request.

Notes:

1. Ceiling-hung and floor-to-ceiling toilet compartments require structural members (not furnished by Bobrick) in ceiling. For suggested types of ceiling support systems, see Bobrick Advisory Bulletin TB-32.

2. Wall backing is required to secure the mounting brackets of panels, stiles, and wall posts. For suggested wall backing, see Bobrick Advisory Bulletin TB-46.

3. Floor-anchored stiles are furnished with expansion shields and threaded rods. The expansion shields require minimum 2" (50mm) penetration into minimum 3" (75mm) thick structural concrete.

4. Bobrick stainless steel partition-mounted washroom accessories are available for mounting in panels between two compartments. See current Bobrick Catalog for description of accessories. Cutouts in panels can be pre-cut for Bobrick models at factory if location and size of all cutouts and Bobrick model numbers are furnished at time of order.

5. When the cam has been set at the desired free resting position, "either closed or open" the top of the affixed components will be aligned.

GUARANTEE:

Bobrick toilet partitions including all hardware and mounting brackets are guaranteed to be free from defects in material and workmanship for a period of one year from date of purchase. Any products returned to Bobrick under this guarantee will be repaired or replaced at no charge. **25-Year Warranty:** Bobrick extends a twenty-five-year limited warranty from date of purchase for DuraLineSeries Compact Laminate partition panels, doors, and stiles against breakage, corrosion, delamination, and defects in factory workmanship when materials are properly installed, then used and serviced normally.

SPECIFICATION:

Compact Laminate (Solid Phenolic) _____ (insert one: toilet partitions, dressing compartments, shower dividers, urinal screens, entrance screens) shall be _____ (insert one: floor-anchored, overhead-braced, floor-to-ceiling anchored, ceiling-hung, wall-hung, post-to-ceiling). Stiles, panels and doors shall be constructed of solidly fused plastic laminate with matte-finish melamine surfaces, colored face sheets, and black phenolic-resin core that are integrally bonded; and covered by a 25-year limited warranty against breakage, corrosion, and delamination. Stiles and doors shall be 3/4" (19mm) thick; panels shall be 1/2" (13mm) thick. All units shall meet ICC, NFPA Class B, ASTM E-84 Interoir Wall and Ceiling Finish Classification: flame spread 30, smoke development 55. Stiles shall have leveling device that is concealed by a one-piece, type-304, satin-finish stainless steel shoe that is 4" (102mm) high. Stiles, panels and doors shall be _____ (insert color name and number from current Bobrick Catalog). Headrails for overhead-braced compartments shall be anodized aluminum with satin finish. **All door hardware and mounting brackets shall be type-304 stainless steel with satin finish. No door hardware or mounting brackets shall be exposed on exterior of compartments, except on outswing doors. All doors shall be supplied with two hinges. Threaded inserts shall be factory installed for securing hinges and door latches. Theft-resistant, stainless steel pin-in-head, torx screws shall be furnished for door hardware and all mounting brackets. A clothes hook shall be furnished for each door. Hinges shall be adjustable to hold doors of unoccupied compartments partially open or fully closed, and shall allow a locked compartment to be opened from outside by lifting door to disengage latch from keeper.

**To specify Institutional hardware, replace end of specification paragraph with: .67 option* All door hardware, U-channels, and angle brackets shall be type-304 stainless steel with satin finish: one-piece, full-height hinges shall be 16 gauge (1.6mm); one-piece door keepers shall be 11 gauge (3.2mm); one-piece, full-height U-channels and angle brackets shall be 18 gauge (1.2mm). U-channels shall be furnished to secure panels to stiles, and angle brackets furnished to secure panels and stiles to walls. Theft-resistant, stainless steel pin-in-head, torx screws shall be furnished for door hardware, U-channels, and angle brackets. A clothes hook shall be furnished for each door. Hinges shall allow locked compartment to be opened in emergency from outside by lifting door to disengage latch from keeper. Doors shall be equipped with a self-closing hinge. Threaded inserts shall be factory installed to secure all door hinges and latches.

_____ (insert one: Toilet Partitions, Dressing Compartments, Shower Dividers, Urinal Screens, Entrance Screens) shall be _____ Series (insert series number) of Bobrick Washroom Equipment, Inc., Clifton Park, New York; Jackson, Tennessee; Los Angeles, California; Bobrick Washroom Equipment Company, Scarborough, Ontario; Bobrick Washroom Equipment Pty. Ltd., Australia; and Bobrick Washroom Equipment Limited, United Kingdom.

The illustrations and descriptions herein are applicable to production as of the date of this Technical Data Sheet. The manufacturer reserves the right to, and does from time to time, make changes and improvements in designs and dimensions.

1080 Revised 10/17/14   Printed in U.S.A.
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FLEXMAT
HIGH PERFORMANCE
UNIVERSAL UNCOUPLING MEMBRANE

DESCRIPTION

FlexMat is a universal, next generation, high performance uncoupling membrane for use under ceramic tile and stone installations, for both residential and commercial applications. The unique patented design of Flextile FlexMat uncouples the floorcovering from the substrate and prevents the transfer of stresses to the tiled surface, providing Shear Stress Control. Cracks in the substrate are bridged and not transferred to the tile installed.

Its design also allows for installations with both latex-modified and unmodified tile mortars, for proper installation and maximum strength of large format porcelain, tile and stone. It allows for installation over a wide range of substrates, including plywood/OSB, concrete, gypsum, heated floors, etc, and allows for tile applications over single-layer plywood or OSB subfloors with joist spacings up to 488mm (19.2") o.c.

RECOMMENDED SURFACES (Interior Use Only)
- Installation over concrete, masonry, approved tile backer boards.
- Installation over cement mortar beds or levelling compounds.
- Existing surfaces of properly prepared ceramic tile, stone, or cement terrazzo.
- Exterior Grade Plywood or OSB – in interior dry areas only.
- Green concrete surfaces where vapor emission is a concern. *
- Existing surfaces of properly prepared non-cushion sheet vinyl flooring, VCT, or cutback adhesive residue. *
- Gypsum floors*
- Heated floors *
- *Check with Flextile Ltd. as to acceptability of specific surfaces*

COMPOSITION AND MATERIALS

FlexMat consists of a polypropylene membrane sandwiched between a white polypropylene non woven fabric on the underside to maximize bonding to the subfloor. It also has an interwoven polypropylene netting material adhered to the top surface to provide mechanical bonding properties as well as enhancing the contact surface with the installation mortars used. FlexMat is approximately 3mm (1/8") thick. FlexMat is VOC free and is environmentally safe; therefore it is ideal for use in confined areas. FlexMat will not rot or decay, and will maintain its flexibility properties over the life of the tile or stone installation.

FEATURES
- Unique profile design plus inter-woven polypropylene netting material works to increase surface area to provide stronger bond to tile and providing Shear Stress Control.
- May be used with all recommended mortars as per installation requirements.
- For both Commercial and Residential use.
- Bridges in plane substrate cracks up to 3 mm (1/8") in thickness.
- Lightweight underlayment for Tile and Stone.
- Offset dimple design to give higher point load.
- One ply fleece does not break apart / does not crush while installing.
- Absorbs deflection in floors within industry standard. (L/360 Tile. L/480 Stone).

- Allows for installation over a wide range of substrates, including plywood/OSB, concrete, gypsum, heated floors, etc.
- VOC free
- Water impermeable
- Equalizes vapour pressure: Air channels beneath tile underlay remain open to allow moisture in substrate to evaporate (joint strip must be used to maintain continuous barrier).
- Rated as suitable for light performance commercial and residential mortar by ASTM C627-70 on plywood substrates.
- Rated as suitable for extra heavy service by ASTM C627-70 on concrete substrates.

LIMITATIONS
- FlexMat is not intended for use as an exposed traffic surface.
- Not recommended for use in exterior installations nor as a roofing membrane over occupied areas.
- Do not cover existing control or expansion joints.
- Not for use over structural movement cracks, or to cover cracks greater than 3 mm (1/8").
- Use only on surfaces which are maintained above 7°C (45°F), and below 49°C (120°F) during application.
- Not recommended for installations over particle board, hardwood surfaces, Luan, cushion backed vinyl flooring, or other such unstable surfaces.

TECHNICAL DATA

Meets or Exceeds ANSI A118.10 and ANSI A118.12 specification requirements.

Typical Physical Properties	
Colour	Blue
Thickness: nominal	0.5 mm (0.02 inch)
Stud Height	3mm (1/8 inch)
Unit Weight	0.645 kg/m²
Water Vapour Resistance	160m (525 ft.) equivalent air layer
Air Gap Volume	1.6 L/m (0.0052 ft³ / ft²)
Stud Cavities Volume	1.2 L/m² (0.0039 ft³ / ft²) tile mortar
Storage Temperature	Max 45°C (113°F)
Softening Temperature	160°C (320°F)
Linear Coefficient of Thermal Expansion	0.18mm/m°C (0.004" / ft°F)
Robinson Floor Test ASTM C627	Extra Heavy – Concrete Surfaces Residential, Light Commercial – Wood Surfaces

Industry Standards Guidelines ref. Wood Substrate installations
TTMAC Specification Guide 09 30 00 Tile Installation Manual: method 313F(Detail D)
TCNA Handbook for Ceramic Tile : method F147 and F148

Industry Standards Guidelines ref. Concrete Substrate installations
TTMAC Specification Guide 09 30 00 Tile Installation Manual: method 311F(Detail A, C and D)
TCNA Handbook for Ceramic Tile : method F128

Flextile Ltd.™
INSTALLATION SOLUTIONS SINCE 1946

FLEXMAT
HIGH PERFORMANCE UNIVERSAL UNCOUPLING MEMBRANE

09 30 00-DIV 9
ANSI A118.10 / ANSI A118.12

TECHNICAL DATA (continued)

Chemical Resistance
FlexMat is resistant to most chemicals. Not resistant to aggressive chemicals, solvents during prolonged exposure. For specific applications contact Flextile Technical Services.

Store FlexMat in dry conditions, between temperatures of 10° - 32° C (50° - 90°F).
Do not expose stored material to direct sunlight.

Package Size / Coverage
9 rolls per pallet
15 kgs (33 lbs) per roll
25 m² (269 ft²) per roll
1 pallet = 135 kgs (297 lbs)

ESTIMATED THIN-SET COVERAGE:
To bond FlexMat to the substrate: 22.68 kg (50lb) of mortar per 13.0 - 18.6 m² (140 - 200 ft²).
To bond tile and stone to FlexMat: 22.68 kg (50lb) of mortar, using 1/4" x 3/8" (6 mm x 10 mm) notched trowel, per 3.2m² - 4.6m² (35 – 50 ft²).

PREPARATORY WORK
All surfaces must be flat, clean, even, dry and free of grease, oil, loose paint, curing compounds or sealers, protruberances that may puncture membrane, or other foreign matter. Existing concrete surfaces which have been shot blasted, ground or sanded to remove contaminants must be thoroughly cleaned of dust, loose concrete, etc. prior to installation. Surfaces should be maintained at a temperature between 10°C (45°F) and 32°C (90°F) when applying membrane. New concrete surfaces must be sufficiently cured for tile installation traffic, dry, finished to a wood float or light broom finish, and be true to within 6 mm (1/4") in 3m (10'). Rough or uneven concrete surfaces should be leveled using Flextile Leveling underlayments.
Interior plywood or OSB surfaces should be designed for maximum deflection of 1/360 of span for ceramic tile or L/480 for stone installations.

Exterior-grade plywood or OSB :
Minimum construction for interior tiled floors:
For single layer plywood or OSB – 16 mm (5/8") tongue and groove nominal thickness for 406 mm (16") o.c. joist spacing. For single layer plywood or OSB – 19 mm (3/4") tongue and groove nominal thickness for 488 mm (19.2) o.c. joist spacing. For double layer plywood or OSB – subfloor thickness 19 mm (3/4") nominal thickness, tongue and groove minimum underlayment thickness 10 mm (3/8") nominal thickness for 610 mm (24") o.c just spacing.

Plywood or OSB sheets should be fastened with screw type nails and glued where possible. Leave a 3 mm (1/8") gap between top sheets of plywood and next to all vertical surfaces to allow for expansion.

Expansion Joints:
All construction, expansion and isolation joints designed into the substrate must be carried through the tile installation. Refer to appropriate detail for installation over these joints in current editions of TTMAC or TCNA Ceramic Tile Installation Handbooks.

INSTALLATION OF FLEXMAT TO SUBSTRATE
Mix and slake the required Flextile mortar, as per mortar requirements. Spread a thin layer of mixed mortar with flat side of trowel to key mortar into the substrate; then apply mortar using a 6mm x 6mm (1/4" x 1/4") square notched trowel. Spread mortar at a rate that can be sufficiently covered with the FlexMat membrane, and that proper transfer is achieved into the back membrane surface, normally within 15 to 20 minutes of spreading.

Pre-measure and cut FlexMat to required size. Cut mat to appropriate lengths when approaching walls or other objects, and leave approximately 6mm (1/4") between mat and edge of wall or object for movement. Solidly embed the anchoring fibre fabric on the underside of FlexMat, into the mortar so that its entire surface is bonded. Work FlexMat into the mortar, in one direction, using a float or flat trowel. Position FlexMat initially, and then realign by lifting one end, pulling lightly, and then placing the tensioned underlay more precisely. Installation is easier with 2 persons working together. The edges of FlexMat rolls are cut to fit and placed edge to edge. Observe the open time of the mortar.
Tile can be installed over FlexMat immediately; no need to wait for the mortar to cure.
Once installed, FlexMat must be protected against heavy traffic or mechanical loads, which may affect adhesion to the substrate, or other damage, prior to tile installation.

JOINTS
For potentially high moisture applications, immediately after the installation of FlexMat, the joints are sealed with a joint strip, using a thin-set mortar bond coat. It is advisable to apply the tile mortar in a single process using a 6mm x 6mm (1/4" x 1/4")- square notched trowel. Install FlexMat joint strip ensuring full coverage of mortar between the surfaces of FlexMat and joint strip. Joint strip is installed edge to edge at junctions and roll ends. Observe the open time of the mortar.

TILE INSTALLATION
Flextile always recommends the use of an appropriate ANSI A118.4 / A118.11 latex modified mortar when installing porcelain, glass, or other impervious or otherwise difficult to bond to tile/stone. Flextile latex mortars are formulated for use with these types of tiles on all applications, including when installed on impervious membrane surfaces such as FlexMat, etc. even on exterior or water immersion applications. When application instruction are followed, Flextile latex modified mortars provide superior shear, tensile, and compressive bond strengths to both the substrate and tile surface, and also provide superior movement capability within the mortar itself.

May 22, 2014

TTMAC ❋ ACTTM

Construction Specifications Canada   Devis de Construction Canada

Floorcovering Institute of Ontario

Flextile Ltd.™
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FLEXMAT
HIGH PERFORMANCE UNIVERSAL UNCOUPLING MEMBRANE

09 30 00-DIV 9
ANSI A118.10 / ANSI A118.12

Install tile or stone with appropriate Flextile Mortar. Recommended mortars include Flextile 50, 52, 5400, 56SR, 58, 61, 62, 66 one-component latex mortars or 53/43 ,51/44 or 53/44, or 58XT two-component latex mortar systems (ANSI A118.4 or ANSI A118.11), or Flextile 51 ANSI A118.1 mortar where tile/stone type allows. Immediately after the installation of FlexMat, the tiles may be installed onto the FlexMat using the appropriate mortar for the tile or stone being installed. Fill voids in the FlexMat surface with flat side of the trowel first, keying in the mortar into the substrate properly, and then immediately apply and comb additional mortar to ensure proper thickness and coverage to the back of tile/stone, using the recommended trowel size, as per the Flextile mortar data sheet. Avoid lining up grout joints in tile application with FlexMat joints wherever possible.

WALL/ FLOOR JUNCTION
Install FlexMat joint strip as wall/floor junction, for proper junction sealing, applying tile mortar as indicated above.

CORNERS
External and internal corners may be cut to size using the FlexMat Joint Strip. Ensure full coverage with tile mortar. Overlap joint strip where suitable.

CURING AND GROUTING
Depending upon adhesive mortar used, tile size, tile type and job site conditions, grouting may be done once mortar has cured enough to allow for light foot traffic – FlexMat usually will allow for grouting at 16 – 24 hours.

On exterior or cold weather applications, or when large format tile and stone are installed over FlexMat, extended curing is recommended to ensure that mortar is sufficiently cured prior to grouting. Using Flextile Fast Set Mortars as well as Flextile Fast Set Grouts is recommended where faster turnaround time to regular traffic is required. Do not allow heavy traffic for at least 5 days following installation, and protect installation with 13 mm (1/2") plywood sheets prior to allowing construction equipment such as scissor lifts, etc. for a minimum of 7 days. Grout using Flextile Polymer Modified Grout, Flextile Premium Fast-Set Polymer-Modified Sanded Grout, Flextile FlexEpoxy100 100% Solids Epoxy Grout, or Flextile ColourMax Plus Pre-Mixed Urethane Grout.

SAFETY
Refer to Flextile Material Safety Data Sheet for detailed health and safety information.

AVAILABILITY AND COSTS
FlexMat Uncoupling Membrane is available from Flextile Ltd. and listed distributors in 25m² (269 ft²) rolls.
Package Size / Coverage
9 rolls per pallet
15 kgs (33 lbs) per roll
25 m² (269 ft²) per roll
1 pallet = 135 kgs (297 lbs)

WARRANTY
Flextile warrants that this product is of merchantable quality and is suitable for the purpose for which it is intended. Flextile's liability under this warranty shall be limited to replacement of its product found to be defective or, at its option, a refund of the purchase price. Extended project warranties are available for Flexilastic. Contact Flextile Ltd or its distributors.

MAINTENANCE
No maintenance is required except where damages result from unforeseen circumstances. Repair procedures shall be directed by Flextile or its distributors.

TECHNICAL SERVICES
Flextile maintains a well-equipped laboratory able to test its products in conjunction with the products with which they are used. Technical assistance for use of Flextile products is available upon request.

RELATED REFERENCES
Current editions of: Ceramic Tile Installation Manual (09 30 00) from the TTMAC & TCNA Ceramic Tile Installation Handbook.

May 22, 2014

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Construction Specifications Canada / Devis de Construction Canada

Floorcovering Institute of Ontario

EcoHazMat Ltd.

Date: October 4, 2016
Client: City of Surrey
Site Address: Sunnyside Community Centre - 1845 154th Street, Surrey, BC

VISUAL ASSESSMENT

On behalf of Carlos Aller, from the City of Surrey., *EcoHazMat Ltd.* conducted a visual assessment to determine whether or not vermiculite insulation is present in the exterior cinder block walls of the Sunnyside Community Centre located at the above mentioned address. Vermiculite insulation was observed in the north wall of the building.

CONCLUSION

No (0) vermiculite samples were collected, however, vermiculite is known to contain asbestos. This material is considered **friable** with a **high risk of disturbance** creating a **high risk of exposure**. <u>All vermiculite and any other insulation found within the cinder block walls must be treated as ACM</u>. Abatement of this material requires **high risk work procedures** and disposal specifications in accordance with Work Safe BC Regulations and BC Ministry of Environment.
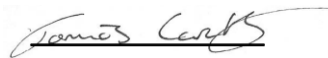

Vermiculite – Within Exterior Cinder Block Wall

Prepared and reviewed by:

Jessica Porter, AHERA Building Inspector   Thomas Carthy, B.Eng

Please call with any questions regarding this report 604-679-1917.

Project #: ❀ECO-620-L01

MEDINTONE™ | MEDINTECH® | MEDLEY™

Homogeneous Sheet

Armstrong®
COMMERCIAL FLOORING

The Armstrong line of Homogeneous sheet flooring provides many different color and visual options. Medintone features CONTINUUM™, a simple, organized tonal step system that cross-coordinates with MARMORETTE™ linoleum and Stonetex® VCT. It has a sophisticated, natural appearance with a complete range of colors and neutrals. Medintech provides a jasped visual in neutrals and soft colors. Medley presents a contrasting chip visuals designed for superior hiding power from dirt and subfloor imperfections. All three products have a UV-cured urethane coating that protects the floor's appearance and allows for low maintenance options. Perfect for aseptic areas, Medintone, Medintech, and Medley can all be heat welded and flash-coved for spaces demanding superior infection control.

PRODUCT INFORMATION

Construction	Homogeneous
Product Line	Medintone	Medintech	Medley
International Product Specifications	ASTM F 1913, ISO 10581, Type II
Overall Thickness	0.080 in. (2.0 mm)
Wear Layer Thickness	0.080 in. (2.0 mm)
Finish	UV-cured Polyurethane
Installation	Full Spread Adhesives – S-599 Premium, S-543 High-Moisture, S-240 Epoxy
Seaming Options	Heat Weld with patterned (Medintone, Medintech) or solid weld rods or S-761 Seam Adhesive
Maintenance Options	Polish No Polish – Spray/Dry/No Buff

PACKAGING

Roll Length	Up to 82 ft. (25 m)
Width	6 ft. (1.83 m)
Shipping Weight	6.1 lbs./sq. yd. (3.3 kg/m^2) – Medintone & Medintech 5.7 lbs./sq. yd. (3.1 kg/m^2) – Medley

PERFORMANCE

	PERFORMANCE	TEST METHOD	MINIMUM REQUIREMENT	PERFORMANCE VS. REQUIREMENT
ASTM F 1913	Thickness	ASTM F 386	≥ 0.075 in.	Exceeds
	Residual Indentation	ASTM F 1914	≤ 0.007 in.	Exceeds
	Static Load Resistance (250 psi)	ASTM F 970	≤ 0.005 in.	Exceeds
	Flexibility	ASTM F 137	1 1/2 in.	Exceeds
	Chemical Resistance	ASTM F 925	No more than slight change in surface dulling, attack or staining	Meets or Exceeds
	Resistance to Heat	ASTM F 1514	ΔE ≤ 8	Exceeds
	Resistance to Light	ASTM F 1515	ΔE ≤ 8	Exceeds
Supplementary	Fire Test Data – Flame Spread	ASTM E 648	0.45 W/cm^2 or more, Class I	Meets
	Fire Test Data – Smoke Evolution	ASTM E 662	450 or less	Meets
	Fire Test Data – Canada	CAN/ULC S102.2	Use dependent	Flame Spread – 100 Smoke Developed – 280
	Static Load Limit – Subjective Visual	ASTM F 970	No visually apparent indentation	750 psi
	Certified Low Emitting Product	LEED® EQ4.3	Meets Guidelines	Meets
	Certified Low Emitting Adhesive	LEED EQ4.1	Meets Guidelines	Meets
	Plant Certification	ISO 14001	Meets Certification Guidelines	Certified
	Indoor Air Quality	FloorScore™	Meets Certification Guidelines	Certified
	Indoor Air Quality	CHPS 01350	Meets Certification Guidelines	Certified

WARRANTY

5-Year Commercial Warranty when installed in accordance with Armstrong's Guaranteed Installation Systems manual, F-5061.

LINKS

Installation Instructions – www.armstrong.com/pdbupimages/194608.pdf

Maintenance Information – www.armstrong.com/pdbupimages/197961.pdf

View the full line – www.armstrong.com/commflooringna/products/sheet

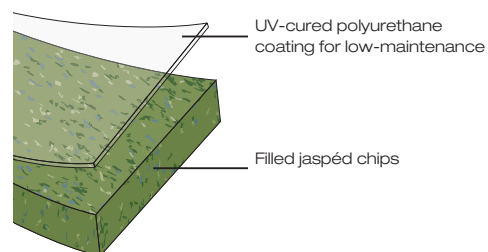Email Techline – www.armstrong.com/commflooringna/contact_techline.jsp
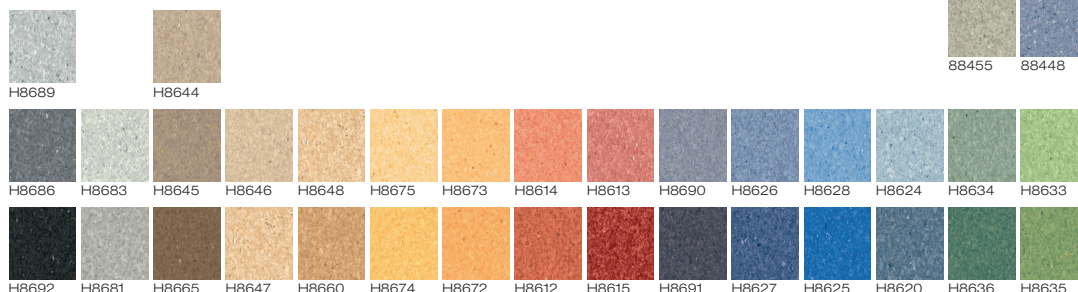
MEDINTONE™ | MEDINTECH® | MEDLEY®
Homogeneous Sheet

Armstrong®
COMMERCIAL FLOORING

Sustainability Facts

Serving	As Served
**Medintone	Medintech	Medley** **Certified to meet LEED® EQ Credit:** Low Emitting Interiors	✓
Adhesives **Certified to meet LEED EQ Credit:** Low Emitting Interiors	✓
FloorScore™ Certified to CDPH Standard Method V1.1-2010	✓
Collaborative for High Performance Schools CHPS-IEQ2.2 & LABS-21 IEQ4.3	✓
ISO 14001 Plant Certification	✓
U.S. Green Building Council Member	✓
Canada Green Building Council Member	✓
Low Maintenance Option	✓

UV-cured polyurethane
coating for low-maintenance

Filled jaspéd chips

Medintone

H8300	H8307	H8311	H8315

H8301	H8304	H8308	H8312	H8316	H8319	H8322	H8325	H8328	H8331	H8334	H8337	H8340	H8343	H8346	H8349	H8352	H8355	H8358	H8361
H8302	H8305	H8309	H8313	H8317	H8320	H8323	H8326	H8329	H8332	H8335	H8338	H8341	H8344	H8347	H8350	H8353	H8356	H8359	H8362
H8303	H8306	H8310	H8314	H8318	H8321	H8324	H8327	H8330	H8333	H8336	H8339	H8342	H8345	H8348	H8351	H8354	H8357	H8360	H8363

Medintech

88496	88474	88488	88495	88439	88432	88412
88455	88448	88450	88497	88486	88451	88441
	88485	88476	88416	88419		

Medley

H8689	H8644

H8686	H8683	H8645	H8646	H8648	H8675	H8673	H8614	H8613	H8690	H8626	H8628	H8624	H8634	H8633
H8692	H8681	H8665	H8647	H8660	H8674	H8672	H8612	H8615	H8691	H8627	H8625	H8620	H8636	H8635

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