MASTER SPECIFICATION

PRECAST CONCRETE PAVERS, SLABS AND WALLS

1. – GENERAL
	1. – SECTION CONTENT
2. General instructions specific to this section.
3. Exterior landscaping works of prefabricated concrete pavers, slabs, and retaining walls consisting of the following products:
	1. Precast concrete pavers
	2. Precast concrete slabs
	3. Prefabricated precast concrete walls
	4. Bedding and jointing materials
4. Maintenance and cleaning instructions for the work.
5. Appendix of all products concerned by this master specification.
	1. – REFERENCE STANDARDS
6. ASTM International Inc.
	1. **ASTM C979**, Standard Specification for Pigments for Integrally Coloured Concrete
	2. **ASTM C 1372**, Standard Specification for Segmental Retaining Wall
7. Canadian Standards Association (CSA)/CSA International
8. **CSA A231.2**, Precast Concrete Pavers
9. **CSA A231.1**, Precast concrete paving slabs
10. **CSA A283**, Qualification code for concrete testing laboratories
11. **CSA A23.1**, Concrete: Components and workmanship
	1. – MOCK-UP
12. Set up a [3] m X [3] m mock-up. This will be used to determine the proper base preparation, product installation pattern, product colours and textures.
13. Once approved by the architect, the mock-up will serve as the benchmark for assessing the work’s compliance and can be seamlessly integrated into the project.
14. Protect this mock-up in preparation for its integration into the final project.
15. – PRODUCTS
	1. – MANUFACTURERS
16. The concrete elements described below are manufactured by PERMACON.
17. Any proposal for a component deemed equivalent must be submitted to the architect for written approval, which will be based on the content of technical documents comparable to those of PERMACON (in terms of testing standards, performance, manufacturing, durability, finishes, colours and other parameters) and on samples provided by competing manufacturers.
	1. – PREFABRICATED CONCRETE PAVERS

Concrete precast pavers compliant with CSA A231.2 standards and the following specifications.

***Note****: The required product information to complete this section can be found in Section 4 – APPENDIX.*

1. PRODUCT AND COLOURS:
	1. Product name: \_\_\_\_\_\_\_\_\_\_
	2. Finish(es): \_\_\_\_\_\_\_\_\_\_
	3. Colour(s): \_\_\_\_\_\_\_\_\_\_
	4. Size (thickness x height x length): \_\_\_\_\_\_\_\_\_\_
2. PAVER FEATURES:
3. Compressive strength:
	* 1. +45 MPa
		2. 50 MPa (average)
4. De-icing salts freeze-thaw durability:
5. 225 g/m² after 28 cycles
6. 500 g/m² after 49 cycles
7. Dimension tolerance:
8. Length: -1.0 mm to +2.0 mm
9. Width: -1.0 mm to +2.0 mm
10. Height: ±3.0 mm
11. For Institutional or Industrial applications, precast concrete pavers must be full thickness and should not be of the facemix type.
	1. – PRECAST CONCRETE SLABS

Concrete precast slabs compliant with CSA A231.1 standards and the following specifications.

***Note****: The required product information to complete this section can be found in Section 4 – APPENDIX.*

1. PRODUCT AND COLOURS:
2. Product name: \_\_\_\_\_\_\_\_\_\_
3. Finish(es): \_\_\_\_\_\_\_\_\_\_
4. Colour(s): \_\_\_\_\_\_\_\_\_\_
5. Dimensions (thickness x height x length): \_\_\_\_\_\_\_\_\_\_
6. SLAB FEATURES:
7. Flexural strength:
8. ±4.5 MPa
9. De-icing salts freeze-thaw durability:
10. 225 g/m² after 28 cycles
11. 500 g/m² after 49 cycles
12. Dimension tolerance:
13. Length: -1.0 mm to +2.0 mm
14. Width: -1.0 mm to +2.0 mm
15. Height: ±3.0 mm
16. For Institutional or Industrial applications, precast concrete pavers must be full thickness and should not be of the facemix type.
	1. – PREFABRICATED CONCRETE RETAINING WALL BLOCKS

Precast concrete retaining wall blocks compliant with ASTM C 1372 standards and the following specifications.

***Note****: The required product information to complete this section can be found in Section 4 – APPENDIX.*

1. FORMAT AND COLOURS:
2. Product name: \_\_\_\_\_\_\_\_\_\_
3. Finish(es): \_\_\_\_\_\_\_\_\_\_
4. Colour(s): \_\_\_\_\_\_\_\_\_\_
5. Dimensions (thickness x height x length): \_\_\_\_\_\_\_\_\_\_
6. RETAINING WALL BLOCK FEATURES:
7. Compressive strength:
8. 20.7 MPa
9. Dimension tolerance:
10. Length: ±3.2 mm
11. Width: ±3.2 mm
12. Height: ±3.2 mm
	1. – BEDDING AND JOINTING MATERIALS

***Note****: When installing the bedding layer, choose sand according to the use of the paving surfaces, ease of supply and quality of materials in the region. We suggest the Techniseal brand for its quality and ease of supply for as jointing material.*

1. Bedding sand: clean, non-plastic, natural or crushed stone or gravel, free of foreign matter and harmful substances. Stone dust and limestone screenings should not be used.
2. Grain size: according to the table below – "Grain size limits for fine aggregate" in CAN/CSA A23.1 and CSA A179:

|  |  |  |
| --- | --- | --- |
| Sieve designation | % passing for joints | % passing for bedding |
| 10 mm | [100] |  |
| 5 mm | [95-100] | 100 |
| 2.5 mm | [80-100] | 90 to 100 |
| 1.25 mm | [50-90] | 85 to 100 |
| 0.630 mm | [25-65] | 65 to 95 |
| 0.315 mm | [10-35] | 15 to 80 |
| 0.160 mm | [2-10] | 0 to 35 |
| 0.075 mm | [0-1] | 0 to 1 |

1. – EXECUTION
	1. – CLEANING
2. Perform cleaning in strict adherence to the manufacturer’s recommended conditions and timing [immediately before applying the sealant] and to [the professional’s name] instructions.
3. Remove any loose foreign matter from the surface.
4. Apply the appropriate cleaning products to remove any soiling, in accordance with the manufacturer’s recommendations.
5. Leave the finished surface free of dirt.
6. – APPENDIX

List and description of landscaping products:

PAVERS

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pavers | Finish | Colours | Size (thickness x width x length) | Standard  |
| Brooklyn | Textured | *Midnight**Rosewood* | **A**: 60 mm x 230 mm x 76 mm | **A**: 2 3/8" x 9" x 3" | CSA A231.2 |
| Capio | Smooth | *Range Amber Beige**Range Scandina Grey* | **A**: 60 mm x 152 mm x 102 mm**B**: 60 mm x 152 mm x 152 mm**C**: 60 mm x 152 mm x 203 mm**D**: 60 mm x 152 mm x 254 mm**E**: 60 mm x 152 mm x 305 mm | **A**: 2 3/8" x 6" x 4"**B**: 2 3/8" x 6" x 6"**C**: 2 3/8" x 6" x 8"**D**: 2 3/8" x 6" x 10"**E**: 2 3/8" x 6" x 12" | CSA A231.2 |
| Cassara Large Rectangle | Smooth | *Rockland Black**Range Amber Beige* *Range Shaded Grey Range Scandina Grey* | **A**: 100 mm x 300 mm x 700 mm | **A**: 4" x 11 13/16" x 27 9/16" | CSA A231.2 |
| Cassara Verde | Smooth | *Range Shaded Grey* | **A**: 80 mm x 300 mm x 450 mm | **A**: 3 1/8" x 11 13/16" x 17 3/4" | CSA A231.2 |
| Esbelto DuraFusion | Smooth | *DuraFusion MarbellaDuraFusion SilverstoneDuraFusion Hickory* | **A** : 80 mm x 305 mm x 610 mm | **A** : 3 1/8" x 12" x 24" | CSA A231.2 |
| Mega Melville | Smooth | *Rockland Black**Range Amber BeigeRange Chambord GreyRange Margaux Beige* *Range Newport Grey Range Shaded Grey Range Scandina Grey* | **A**: 80 mm x 570 mm x 950 mm | **A**: 3 1/8" x 22 7/16" x 37 3/8" | CSA A231.2 |
| Melville 80 and Melville 80 DuraFusion | Smooth | *DuraFusion MarbellaDuraFusion SilverstoneDuraFusion Hickory* *Rockland Black**Range Amber BeigeRange Chambord Grey Range Margaux BeigeRange Newport Grey Range Shaded GreyRange Scandina Grey* | **A**: 80 mm x 190 mm x 380 mm**B**: 80 mm x 380 mm x 380 mm**C**: 80 mm x 380 mm x 570 mm | **A**: 3 1/8" x 7 1/2" x 15"**B**: 3 1/8" x 15" x 15"**C**: 3 1/8" x 15" x 22 7/16" | CSA A231.2 |
| Melville 60 Small Rectangle | Smooth | *Range Amber Beige**Range Shaded Grey**Range Scandina Grey**Rockland Black* | **A**: 60 mm x 190 mm x 380 mm | **A**: 2 3/8" x 7 1/2" x 15" | CSA A231.2 |
| Melville Plank Slim | Smooth | *Range Newport Grey**Range Scandina Grey**Rockland Black* | **A**: 80 mm x 127 mm x 300 mm**B**: 80 mm x 127 mm x 400 mm**C**: 80 mm x 127 mm x 500 mm | **A**: 3 1/8" x 5" x 11 13/16"**B**: 3 1/8" x 5" x 15 3/4"**C**: 3 1/8" x 5" x 19 11/16" | CSA A231.2 |
| Melville Plank Large | Smooth | *Range Newport Grey**Range Scandina Grey**Rockland Black* | **A**: 80 mm x 190 mm x 300 mm**B**: 80 mm x 190 mm x 400 mm**C**: 80 mm x 190 mm x 500 mm | **A**: 3 1/8" x 7 1/2" x 11 13/16"**B**: 3 1/8" x 7 1/2" x 15 3/4"**C**: 3 1/8" x 7 1/2" x 19 11/16" | CSA A231.2 |
| Mondrian Plus 80 | Textured | *Range Amboise BeigeRange Margaux BeigeRange Newport Grey Range Norvick Grey Range Scandina Grey* | **A**: 80 mm x 165 mm x 330 mm**B**: 80 mm x 330 mm x 330 mm**C**: 80 mm x 330 mm x 495 mm | **A**: 3 1/8" x 6 1/2" x 13"**B**: 3 1/8" x 13" x 13"**C**: 3 1/8" x 13" x 19 1/2" | CSA A231.2 |
| Mondrian Plus 60 | Textured | *Rockland Black* | **A**: 60 mm x 330 mm x 165 mm | **A**: 2 3/8" x 13" x 6 1/2" | CSA A231.2 |
| Paleo Plus | Smooth | *Range Bourbon Beige**Range Norvick Grey* | **A**: 60 mm x 150 mm x 130 mm**B**: 60 mm x 150 mm x 150 mm**C**: 60 mm x 150 mm x 170 mm**D**: 60 mm x 150 mm x 188 mm | **A**: 2 3/8" x 5 5/7" x 5 1/8"**B**: 2 3/8" x 5 5/7" x 5 7/8"**C**: 2 3/8" x 5 5/7" x 6 11/16"**D**: 2 3/8" x 5 5/7" x 7 3/8" | CSA A231.2 |
| Trafalgar | Textured | *Range Amboise BeigeRange Margaux BeigeRange Newport Grey Range Norvick Grey*  | **A**: 60 mm x 100 mm x 200 mm**B** : 60 mm x 200 mm x 200 mm**C** : 60 mm x 300 mm x 200 mm | **A**: 2 3/8" x 3 15/16" x 7 7/8"**B**: 2 3/8" x 7 7/8" x 7 7/8"**C**: 2 3/8" x 11 13/16" x 7 7/8" | CSA A231.2 |
| Vendome 60 | Textured | *Rockland BlackRange Margaux BeigeRange Newport Grey*  | **A**: 60 mm x 130 mm x 197 mm**B**: 60 mm x 130 mm x 262 mm**C**: 60 mm x 130 mm x 327 mm | **A**: 2 3/8" x 5 1/8" x 7 3/4"**B** : 2 3/8" x 5 1/8" x 10 5/16"**C**: 2 3/8" x 5 1/8" x 12 7/8" | CSA A231.2 |
| Vendome 80 | Textured | *Rockland BlackRange Margaux BeigeRange Newport Grey* | **A**: 80 mm x 130 mm x 197 mm**B**: 80 mm x 130 mm x 262 mm**C**: 80 mm x 130 mm x 327 mm | **A**: : 3 1/8" x 5 1/8" x 7 3/4"**B** : : 3 1/8" x 5 1/8" x 10 5/16"**C**: : 3 1/8" x 5 1/8" x 12 7/8" | CSA A231.2 |
| Virage | Smooth | *Range Scandina Grey* | **A**: 80 mm x 300 mm x 300 mm | **A**: 3 1/8" x 11 7/8" x 11 7/8" | CSA A231.2 |
| Zen | Smooth | *Range Amber BeigeRange Scandina Grey* | **A**: 80 mm x 190 mm x 380 mm | **A**: 3 1/8" x 7 1/2" x 15" | CSA A231.2 |
| Agora | Smooth | *Rockland BlackRange Amber Beige Range Shaded Grey Range Scandina Grey*  | **A**: 80 mm x 167 mm x 300 mm**B**: 80 mm x 200 mm x 300 mm**C**: 80 mm x 233 mm x 300 mm | **A**: 3 1/8" x 6 9/16" x 11"**B**: 3 1/8" x 7 7/8" x 11"**C**: 3 1/8" x 9 3/16" x 11" | CSA A231.2 |
| Agora Large Rectangle | Smooth | *Rockland BlackRange Amber BeigeRange Shaded GreyRange Scandina Grey* | **A**: 80 mm x 233 mm x 300 mm | **A**: 3 1/8" x 9 3/16" x 11" | CSA A231.2 |
| Agora 100 | Smooth | *Rockland BlackRange Amber BeigeRange Shaded GreyRange Scandina Grey* | **A**: 100 mm x 167 mm x 300 mm**B**: 100 mm x 200 mm x 300 mm**C**: 100 mm x 233 mm x 300 mm | **A**: 4" x 6 9/16" x 11"**B**: 4" x 7 7/8" x 11"**C**: 4" x 9 3/16" x 11" | CSA A231.2 |
| Agora 100 Large Rectangle | Smooth | *Rockland BlackRange Amber BeigeRange Shaded GreyRange Scandina Grey* | **A**: 100 mm x 233 mm x 300 mm | **A**: 4" x 9 3/16" x 11" | CSA A231.2 |
| Agora Aqua | Smooth | *Rockland BlackRange Amber BeigeRange Shaded GreyRange Scandina Grey* | **A**: 80 mm x 167 mm x 300 mm**B**: 80 mm x 200 mm x 300 mm**C**: 80 mm x 233 mm x 300 mm | **A**: 3 1/8" x 6 9/16" x 11"**B**: 3 1/8" x 7 7/8" x 11"**C**: 3 1/8" x 9 3/16" x 11" | CSA A231.2 |
| Agora Aqua Large Rectangle | Smooth | *Rockland BlackRange Amber BeigeRange Shaded GreyRange Scandina Grey* | **A**: 80 mm x 233 mm x 300 mm | **A**: 3 1/8" x 9 3/16" x 11" | CSA A231.2 |
| AquaPave | Smooth | *Natural* | **A**: 80 mm x 98 mm x 198 mm | **A**: 3 1/8" x 3 41/48" x 7" | CSA A231.2 |
| Boulevard 300 | Smooth | *WhiteBeige* *CharcoalLight Charcoal* *Beige Grey* *Cinder GreyLight GreyBlack ETX* | **A**: 100 mm x 100 mm x 300 mm**B**: 100 mm x 100 mm x 450 mm**C**: 100 mm x 150 mm x 450 mm**D**: 100 mm x 150 mm x 150 mm**E**: 100 mm x 150 mm x 300 mm**F**: 100 mm x 300 mm x 300 mm**G**: 100 mm x 200 mm x 600 mm**H**: 100 mm x 300 mm x 600 mm**I**: 100 mm x 600 mm x 600 mm**J**: 100 mm x 100 mm x 600 mm | **A**: 4" x 4" x 11 13/16"**B**: 4" x 4" x 17 3/4"**C**: 4" x 5 7/8" x 17 3/4"**D**: 4" x 5 7/8" x 5 7/8"**E**: 4" x 5 7/8" x 11 13/16"**F**: 4" x 11 13/16" x 11 13/16"**G**: 4" x 7 7/8" x 23 5/8"**H**: 4" x 11 13/16" x 23 5/8"**I**: 4" x 23 5/8" x 23 5/8"**J**: 4" x 4" x 23 5/8" | CSA A231.2 |
| Granitech | *Opal WhiteBeige* *Cambrian Brown**CharcoalLight CharcoalBeige GreyCinder GreyLight GreyStanstead GreyCambrian Black* | **A**: 100 mm x 100 mm x 300 mm**B**: 100 mm x 100 mm x 450 mm**C**: 100 mm x 150 mm x 450 mm**D**: 100 mm x 150 mm x 150 mm**E**: 100 mm x 150 mm x 300 mm**F**: 100 mm x 300 mm x 300 mm**G**: 100 mm x 200 mm x 600 mm**H**: 100 mm x 300 mm x 600 mm**I**: 100 mm x 600 mm x 600 mm**J**: 100 mm x 100 mm x 600 mm | **A**: 4" x 4" x 11 13/16"**B**: 4" x 4" x 17 3/4"**C**: 4" x 5 7/8" x 17 3/4"**D**: 4" x 5 7/8" x 5 7/8"**E**: 4" x 5 7/8" x 11 13/16"**F**: 4" x 11 13/16" x 11 13/16"**G**: 4" x 7 7/8" x 23 5/8"**H**: 4" x 11 13/16" x 23 5/8"**I**: 4" x 23 5/8" x 23 5/8"**J**: 4" x 4" x 23 5/8" |
| Boulevard 500 | Smooth | *WhiteBeige* *CharcoalLight Charcoal* *Beige Grey* *Cinder GreyLight GreyBlack ETX* | 100 mm x 500 mm x 500 mm**A**: Sans motif**B**: Motif 1/2**C** : Motif 1/4**D** : Motif 1/16 | 4" x 19 11/16" x 19 11/16"**A**: Sans motif**B**: Motif 1/2**C**: Motif 1/4**D**: Motif 1/16 | CSA A231.2 |
| Granitech | *Opal WhiteBeige* *Cambrian Brown**CharcoalLight CharcoalBeige GreyCinder GreyLight GreyStanstead GreyCambrian Black* | 100 mm x 500 mm x 500 mm**A**: Sans motif**B**: Motif 1/2**C**: Motif 1/4**D** : Motif 1/16 | 4" x 19 11/16" x 19 11/16"**A**: Sans motif**B**: Motif 1/2**C**: Motif 1/4**D**: Motif 1/16 |
| Boulevard Drain | Smooth | *White Beige* *CharcoalLight CharcoalBeige GreyCinder GreyLight GreyBlack ETX* | **A**: 100 mm x 209 mm x 209 mm**B**: 100 mm x 150 mm x 300 mm | **A**: 4" x 8 1/4" x 8 1/4"**B**: 4" x 5 7/8" x 11 13/16" | CSA A231.2 |
| Granitech | *Opal WhiteBeigeCambrian BrownCharcoalLight CharcoalBeige GreyCinder GreyLight GreyStanstead GreyCambrian Black* | **A**: 100 mm x 209 mm x 209 mm**B**: 100 mm x 150 mm x 300 mm | **A**: 4" x 8 1/4" x 8 1/4"**B**: 4" x 5 7/8" x 11 13/16" |
| Boulevard Verde | Smooth | *WhiteBeige* *CharcoalLight CharcoalBeige GreyCinder GreyLight GreyBlack ETX* | **A** : 100 mm x 300 mm x 450 mm*(taux d’ouverture : 50%)* | **A**: 4" x 11 13/16" x 17 3/4"*(taux d’ouverture : 50%)* | CSA A231.2 |
| Boulevard Striated | Granitech | *Shefford Beige* *Opal WhiteBeigeCambrian BrownCharcoalLight CharcoalBeige GreyCinder GreyLight GreyStanstead GreyCambrian Black* | **A**: 100 mm x 300 mm x 300 mm | **A**: 4" x 11 13/16" x 11 13/16" | CSA A231.2 |
| Boulevard TLI 90 | Smooth | *WhiteBeige* *CharcoalLight CharcoalBeige GreyCinder GreyLight GreyBlack ETX* | **A**: 90 mm x 160 mm x 240 mm**B**: 90 mm x 320 mm x 520 mm | **A**: 3 1/2" x 6 5/16" x 9 1/2"**B**: 3 1/2" x 12 5/8" x 20 23/48" | CSA A231.2 |
| Granitech | *Opal WhiteBeigeCambrian BrownCharcoalLight CharcoalBeige GreyCinder GreyLight GreyStanstead GreyCambrian Black* | **A**: 90 mm x 160 mm x 240 mm**B**: 90 mm x 320 mm x 520 mm | **A**: 3 1/2" x 6 5/16" x 9 1/2"**B**: 3 1/2" x 12 5/8" x 20 23/48" |
| Boulevard TLI 100 | Smooth | *WhiteBeige* *CharcoalLight CharcoalBeige GreyCinder GreyLight GreyBlack ETX* | **A**: 100 mm x 150 mm x 300 mm**B**: 100 mm x 300 mm x 300 mm**C**: 100 mm x 300 mm x 700 mm | **A**: 4" x 5 7/8" x 11 13/16"**B**: 4" x 11 13/16" x 11 13/16"**C**: 4" x 11 13/16" x 27 9/16" | CSA A231.2 |
| Granitech | *Opal WhiteBeigeCambrian BrownCharcoalLight CharcoalBeige GreyCinder GreyLight GreyStanstead GreyCambrian Black* | **A**: 100 mm x 150 mm x 300 mm**B**: 100 mm x 300 mm x 300 mm | **A**: 4" x 5 7/8" x 11 13/16"**B**: 4" x 11 13/16" x 11 13/16" |
| Boulevard TLI 150 | Smooth | *WhiteBeige* *CharcoalLight CharcoalBeige GreyCinder GreyLight GreyBlack ETX* | **A**: 150 mm x 500 mm x 125 mm**B**: 150 mm x 500 mm x 250 mm**C**: 150 mm x 500 mm x 500 mm**D**: 150 mm x 500 mm x 750 mm**E**: 150 mm x 200 mm x 200 mm | **A**: 5 7/8" x 19 11/16" x 4 15/16"**B**: 5 7/8" x 19 11/16" x 9 7/8"**C**: 5 7/8" x 19 11/16" x 19 11/16"**D**: 5 7/8" x 19 11/16" x 29 1/2"**E**: 5 7/8" x 7 7/8" x 7 7/8" | CSA A231.2 |
| Granitech | *Opal WhiteBeigeCambrian BrownCharcoalLight CharcoalBeige GreyCinder GreyLight GreyStanstead GreyCambrian Black* | **A**: 150 mm x 500 mm x 125 mm**B**: 150 mm x 500 mm x 250 mm**C**: 150 mm x 500 mm x 500 mm**D**: 150 mm x 500 mm x 750 mm**E**: 150 mm x 200 mm x 200 mm | **A**: 5 7/8" x 19 11/16" x 4 15/16"**B**: 5 7/8" x 19 11/16" x 9 7/8"**C**: 5 7/8" x 19 11/16" x 19 11/16"**D**: 5 7/8" x 19 11/16" x 29 1/2"**E**: 5 7/8" x 7 7/8" x 7 7/8" |
| Boulevard TLI 90Crescendo 320 | Smooth | *WhiteBeige* *CharcoalLight CharcoalBeige GreyCinder GreyLight GreyBlack ETX* | **A**: 90 mm x 320 mm x 300 mm**B**: 90 mm x 320 mm x 320 mm**C**: 90 mm x 320 mm x 360 mm**D**: 90 mm x 320 mm x 400 mm**E**: 90 mm x 320 mm x 440 mm | **A**: 3 1/2" x 12 5/8" x 9 1/2"**B**: 3 1/2" x 12 5/8" x 12 5/8"**C**: 3 1/2" x 12 5/8" x 14 3/16"**D**: 3 1/2" x 12 5/8" x 15 3/4"**E**: 3 1/2" x 12 5/8" x 17 5/16" | CSA A231.2 |
| Granitech | *Opal WhiteBeigeCambrian BrownCharcoalLight CharcoalBeige GreyCinder GreyLight GreyStanstead GreyCambrian Black* | **A**: 90 mm x 320 mm x 300 mm**B**: 90 mm x 320 mm x 320 mm**C**: 90 mm x 320 mm x 360 mm**D**: 90 mm x 320 mm x 400 mm**E**: 90 mm x 320 mm x 440 mm | **A**: 3 1/2" x 12 5/8" x 9 1/2"**B**: 3 1/2" x 12 5/8" x 12 5/8"**C**: 3 1/2" x 12 5/8" x 14 3/16"**D**: 3 1/2" x 12 5/8" x 15 3/4"**E**: 3 1/2" x 12 5/8" x 17 5/16" |
| Boulevard TLI 100Crescendo 300 | Smooth | *WhiteBeige* *CharcoalLight CharcoalBeige GreyCinder GreyLight GreyBlack ETX* | **A**: 100 mm x 300 mm x 400 mm**B**: 90 mm x 300 mm x 500 mm**C**: 90 mm x 300 mm x 600 mm | **A**: 4" x 11 13/16" x 15 3/4"**B**: 4" x 11 13/16" x 19 11/16"**C**: 4" x 11 13/16" x 23 5/8" | CSA A231.2 |
| Boulevard TLI 150Crescendo 125 | Smooth | *WhiteBeige* *CharcoalLight CharcoalBeige GreyCinder GreyLight GreyBlack ETX* | **A**: 150 mm x 125 mm x 333.33 mm**B**: 150 mm x 125 mm x 416.67 mm**C**: 150 mm x 125 mm x 458.33 mm**D**: 150 mm x 125 mm x 500 mm**E**: 150 mm x 125 mm x 541.67 mm**F**: 150 mm x 125 mm x 583.33 mm | **A**: 5 7/8" x 4 15/16" x 13 1/8"**B**: 5 7/8" x 4 15/16" x 16 3/8"**C**: 5 7/8" x 4 15/16" x 18"**D**: 5 7/8" x 4 15/16" x 19 11/16"**E**: 5 7/8" x 4 15/16" x 21 5/16"**F**: 5 7/8" x 4 15/16" x 23" | CSA A231.2 |
| Granitech | *Opal WhiteBeigeCambrian BrownCharcoalLight CharcoalBeige GreyCinder GreyLight GreyStanstead GreyCambrian Black* | **A**: 150 mm x 125 mm x 333.33 mm**B**: 150 mm x 125 mm x 416.67 mm**C**: 150 mm x 125 mm x 458.33 mm**D**: 150 mm x 125 mm x 500 mm**E**: 150 mm x 125 mm x 541.67 mm**F**: 150 mm x 125 mm x 583.33 mm | **A**: 5 7/8" x 4 15/16" x 13 1/8"**B**: 5 7/8" x 4 15/16" x 16 3/8"**C**: 5 7/8" x 4 15/16" x 18"**D**: 5 7/8" x 4 15/16" x 19 11/16"**E**: 5 7/8" x 4 15/16" x 21 5/16"**F**: 5 7/8" x 4 15/16" x 23" |
| Boulevard TLI 150Crescendo 320 | Smooth | *WhiteBeige* *CharcoalLight CharcoalBeige GreyCinder GreyLight GreyBlack ETX* | **A**: 150 mm x 320 mm x 240 mm**B**: 150 mm x 320 mm x 320 mm**C**: 150 mm x 320 mm x 360 mm**D**: 150 mm x 320 mm x 400 mm**E**: 150 mm x 320 mm x 440 mm | **A**: 5 7/8" x 12 5/8" x 9 1/2"**B**: 5 7/8" x 12 5/8" x 12 5/8"**C**: 5 7/8" x 12 5/8" x 14 3/16"**D**: 5 7/8" x 12 5/8" x 15 3/4"**E**: 5 7/8" x 12 5/8" x 17 5/16" | CSA A231.2 |
| Granitech | *Opal WhiteBeigeCambrian BrownCharcoalLight CharcoalBeige GreyCinder GreyLight GreyStanstead GreyCambrian Black* | **A**: 150 mm x 320 mm x 240 mm**B**: 150 mm x 320 mm x 320 mm**C**: 150 mm x 320 mm x 360 mm**D**: 150 mm x 320 mm x 400 mm**E**: 150 mm x 320 mm x 440 mm | **A**: 5 7/8" x 12 5/8" x 9 1/2"**B**: 5 7/8" x 12 5/8" x 12 5/8"**C**: 5 7/8" x 12 5/8" x 14 3/16"**D**: 5 7/8" x 12 5/8" x 15 3/4"**E**: 5 7/8" x 12 5/8" x 17 5/16" |
| Boulevard TLI 200Crescendo 300 | Smooth | *WhiteBeige* *CharcoalLight CharcoalBeige GreyCinder GreyLight GreyBlack ETX* | **A**: 200 mm x 300 mm x 300 mm**B**: 200 mm x 300 mm x 412.5 mm**C**: 200 mm x 300 mm x 487.5 mm**D**: 200 mm x 300 mm x 525 mm**E**: 200 mm x 300 mm x 562.5 mm**F**: 200 mm x 300 mm x 637.5 mm**G**: 200 mm x 300 mm x 675 mm | **A**: 7 7/8" x 11 13/16" x 11 13/16**B**: 7 7/8" x 11 13/16" x 16 1/4**C**: 7 7/8" x 11 13/16" x 19 3/16**D**: 7 7/8" x 11 13/16" x 20 5/8**E**: 7 7/8" x 11 13/16" x 22 1/8**F**: 7 7/8" x 11 13/16" x 25 1/8**G**: 7 7/8" x 11 13/16" x 26 9/16 | CSA A231.2 |
| Granitech | *Opal WhiteBeigeCambrian BrownCharcoalLight CharcoalBeige GreyCinder GreyLight GreyStanstead GreyCambrian Black* | **A**: 200 mm x 300 mm x 300 mm**B**: 200 mm x 300 mm x 412.5 mm**C**: 200 mm x 300 mm x 487.5 mm**D**: 200 mm x 300 mm x 525 mm**E**: 200 mm x 300 mm x 562.5 mm**F**: 200 mm x 300 mm x 637.5 mm**G**: 200 mm x 300 mm x 675 mm | **A**: 7 7/8" x 11 13/16" x 11 13/16**B**: 7 7/8" x 11 13/16" x 16 1/4**C**: 7 7/8" x 11 13/16" x 19 3/16**D**: 7 7/8" x 11 13/16" x 20 5/8**E**: 7 7/8" x 11 13/16" x 22 1/8**F**: 7 7/8" x 11 13/16" x 25 1/8**G**: 7 7/8" x 11 13/16" x 26 9/16 |
| Melville Classic / Niagara | Smooth | *Grey* | **A**: 80 mm x 100 mm x 200 mm | **A**: 3 1/8" x 3 15/16" x 7 7/8" | CSA A231.2 |
| Paleo-Tec | Smooth | *Light GreyRockland Black**Range Brownstone RedRange Norvick Grey* | **A**: 100 mm x 140 mm x 220 mm | **A**: 4" x 5 1/2" x 8 5/8" | CSA A231.2 |
| Vertex | Smooth | *Rockland BlackRange Amber BeigeRange Shaded GreyRange Scandina Grey* | **A**: 100 mm x 150 mm and 300 mm x 600 mm**B**: 100 mm x 150 mm and 300 mm x 600 mm | **A**: 4" x 5 7/8" and 11 13/16" x 23 5/8"**B**: 4" x 5 7/8" and 11 13/16" x 23 5/8" | CSA A231.2 |

SLABS

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Slabs | Finish | Colours | Size (thickness x width x length) | Standard  |
| Cassara Large Rectangle | Smooth | *Rockland Black**Range Amber Beige* *Range Shaded Grey Range Scandina Grey* | **A**: 60 mm x 300 mm x 700 mm | **A**: 2 3/8" x 11 13/16" x 27 9/16" | CSA A231.1 |
| City | Smooth | *Alpine Grey**Cameo BeigeSterling Grey* | **A**: 60 mm x 500 mm x 750 mm | **A**: 2 3/8" x 19 11/16" x 29 1/2" | CSA A231.1 |
| Esbelto and Esbelto DuraFusion | Smooth | *DuraFusion MarbellaDuraFusion SilverstoneDuraFusion HickoryRange Amber BeigeRange Scandina Grey* | **A**: 60 mm x 305 mm x 610 mm | **A**: 2 3/8" x 12" x 24" | CSA A231.1 |
| Mega Melville | Smooth | *Rockland Black**Range Amber BeigeRange Chambord GreyRange Margaux Beige Range Newport Grey Range Shaded Grey Range Scandina Grey* | **A**: 60 mm x 570 mm x 950 mm | **A**: 2 3/8" x 22 7/16" x 37 3/8" | CSA A231.1 |
| Melville 24 x 24 | Smooth | *Blizzard* *Range Amber Beige Range Newport Grey Range Scandina Grey* | **A**: 60 mm x 610 mm x 610 mm | **A**: 2 3/8" x 24" x 24" | CSA A231.1 |
| Melville 60 and Melville 60 DuraFusion | Smooth | *DuraFusion MarbellaDuraFusion SilverstoneDuraFusion Hickory* *Rockland Black**Range Amber BeigeRange Chambord Grey Range Margaux BeigeRange Newport Grey Range Shaded GreyRange Scandina Grey* | **A**: 60 mm x 190 mm x 380 mm**B**: 60 mm x 380 mm x 380 mm**C**: 60 mm x 380 mm x 570 mm | **A**: 2 3/8" x 7 1/2" x 15"**B**: 2 3/8" x 15" x 15"**C**: 2 3/8" x 15" x 22 7/16" | CSA A231.1 |
| Metrik | Smooth | *Blizzard* *Rockland Black**Range Scandina Grey* | **A**: 60 mm x 70 mm x 280 mm | **A**: 2 3/8" x 2 3/4" x 11" | CSA A231.1 |
| Mondrian Plus 50 | Textured | *Range Margaux BeigeRange Newport GreyRange Norvick Grey* | **A**: 50 mm x 190 mm x 380 mm**B**: 50 mm x 380 mm x 380 mm**C**: 50 mm x 380 mm x 570 mm | **A**: 2" x 7 1/2" x 15"**B**: 2" x 15" x 15"**C**: 2" x 15" x 22 7/16" | CSA A231.1 |
| Mondrian Plus 60 | Textured | *Range Amboise BeigeRange Margaux BeigeRange Newport Grey Range Norvick Grey Range Scandina Grey* | **A**: 60 mm x 165 mm x 330 mm**B**: 60 mm x 330 mm x 330 mm**C**: 60 mm x 330 mm x 495 mm | **A**: 2 3/8" x 6 1/2" x 13"**B**: 2 3/8" x 13" x 13"**C**: 2 3/8" x 13" x 19 1/2" | CSA A231.1 |
| Rosebel | Textured | *Range Amboise BeigeRange Margaux BeigeRange Newport GreyRange Norvick Grey* | **A**: 60 mm x 389 mm x 400 mm**B**: 60 mm x 389 mm x 500 mm | **A**: 2 3/8" x 15 5/16" x 22"**B**: 2 3/8" x 15 5/16" x 29 3/4" | CSA A231.1 |
| Vertex | Smooth | *Range Amber Beige**Range Scandina Grey* | **A**: 60 mm x 200 mm and 302 mm x 610 mm | **A**: 2 3/8" x 7 7/8" and 11 7/8" x 24" | CSA A231.1 |
| Wilfrid | Smooth | *Range Amber Beige**Range Newport GreyRange Scandina Grey* | **A**: 60 mm x 570 mm x 380 mm**B**: 60 mm x 570 mm x 570 mm**C**: 60 mm x 570 mm x 950 mm | **A**: 2 3/8" x 22 7/16" x 15"**B**: 2 3/8" x 22 7/16" x 22 7/16"**C**: 2 3/8" x 22 7/16" x 37 3/8" | CSA A231.1 |
| SmartCastReflect | Smooth | *White* | **A**: 50 mm x 600 mm x 600 mm | **A**: 2" x 23 5/8" x 23 5/8" | CSA A231.1 |
| Urban | Smooth | *White**Bris Beige**Cinder Grey**Light Grey**Range Bayona Grey* | **A**: 55 mm x 610 mm x 610 mm | **A**: 2 3/16" x 24" x 24" | CSA A231.1 |
| Versailles | Textured | *Grey AlpinGrey Trenton* | **A**: 50 mm x 610 mm x 610 mm | **A**: 2" x 24" x 24" | CSA A231.1 |

WALLS

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Walls | Finish | Colours | Size (height x thickness x length) | Standard  |
| Celtik | Textured | *Range Norvick GreyRange Sheffield Beige & Black* | **A:** 90 mm x 225 mm x 175 mm**B:** 90 mm x 225 mm x 265 mm**C:** 90 mm x 225 mm x 345 mm**D**: 90 mm x 225 mm x 435 mm | **A**: 3 9/16" x 8 7/8" x 6 7/8"**B**:3 9/16" x 8 7/8" x 10 7/16"**C**:3 9/16" x 8 7/8" x 13 9/16"**D**: 3 9/16" x 8 7/8" x 17 1/8" | ASTM C 1372 |
| Grande 375 Standard | Textured | *Grey* | **A**: 200 mm x 375 mm x 1000 mm | **A**: 7 7/8" x 14 3/4" x 39 3/8" | ASTM C 1372 |
| Grande 750 Standard | Textured | *Grey* | **A**: 200 mm x 750 mm x 1000 mm | **A**: 7 7/8" x 29 1/2" x 39 3/8" | ASTM C 1372 |
| Grande 1125 Standard | Textured | *Grey* | **A**: 200 mm x 1000 mm x 1000 mm | **A**: 7 7/8" x 44 5/16" x 39 3/8" | ASTM C 1372 |
| Grande Corner Unit | Textured | *Grey* | **A**: 200 mm x 500 mm x 1000 mm | **A**: 7 7/8" x 19 11/16" x 39 3/8" | ASTM C 1372 |
| Grande Wedge | Textured | *Grey* | **A**: 200 mm x 312.5 mm x 380 mm and 250 mm | **A**: 7 7/8" x 12 5/16" x 14 15/16" et 9 7/8" | ASTM C 1372 |
| Grande Smooth 375 Standard | Smooth | *Grey* | **A**: 200 mm x 375 mm x 1000 mm | **A**: 7 7/8" x 14 3/4" x 39 3/8" | ASTM C 1372 |
| Grande Smooth 750 Standard | Smooth | *Grey* | **A**: 200 mm x 750 mm x 1000 mm | **A**: 7 7/8" x 29 1/2" x 39 3/8" | ASTM C 1372 |
| Grande Smooth 1125 Standard | Smooth | *Grey* | **A**: 200 mm x 1000 mm x 1000 mm | **A**: 7 7/8" x 44 5/16" x 39 3/8" | ASTM C 1372 |
| Grande Smooth Corner Unit | Smooth | *Grey* | **A**: 200 mm x 500 mm x 1000 mm | **A**: 7 7/8" x 19 11/16" x 39 3/8" | ASTM C 1372 |
| Keystone Compact Straight-Face  | Textured | *Smoke Grey*  | **A**: 204 mm x 305 mm x 457 mm | **A**: 8" x 12" x 18" | ASTM C 1372 |
| Keystone Corner | Textured | *Smoke Grey*  | **A**: 204 mm x 230 mm x 450 mm | **A**: 8" x 9" x 18" | ASTM C 1372 |
| Lafitt Tandem90 | Textured | *Rockland BlackRange Margaux BeigeRange Newport GreyRange Scandina Grey* | **A**: 90 mm x 67 mm x 201 mm**B**: 90 mm x 67 mm x 268 mm**C**: 90 mm x 67 mm x 335 mm**D**: 90 mm x 67 mm x 402 mm | **A**: 3 9/16" x 2 5/8" x 7 7/8"**B**: 3 9/16" x 2 5/8" x 10 1/2"**C**: 3 9/16" x 2 5/8" x 13 3/16"**D**: 3 9/16" x 2 5/8" x 15 13/16" | ASTM C 1372 |
| Lafitt Tandem180 | Textured | *Rockland BlackRange Amboise Beige Range Margaux Beige Range Newport GreyRange Scandina Grey* | **A**:180 mm x 67 mm x 335 mm**B**:180 mm x 67 mm x 402 mm**C**: 180 mm x 67 mm x 469 mm | **A**:7 1/16" x 2 5/8" x 13 3/16"**B**: 7 1/16" x 2 5/8" x 15 13/16"**C**: 7 1/16" x 2 5/8" x 18 1/2" | ASTM C 1372 |
| Melville Tandem90 | Smooth | *Rockland Black**Range Amber BeigeRange Margaux BeigeRange Newport Grey**Range Shaded Grey Range Scandina Grey* | **A**: 90 mm x 67 mm x 201 mm**B**: 90 mm x 67 mm x 268 mm**C**: 90 mm x 67 mm x 335 mm**D**: 90 mm x 67 mm x 402 mm | **A**: 3 9/16" x 2 5/8" x 7 7/8"**B**: 3 9/16" x 2 5/8" x 10 1/2"**C**: 3 9/16" x 2 5/8" x 13 3/16"**D**: 3 9/16" x 2 5/8" x 15 13/16" | ASTM C 1372 |
| Melville Tandem180 | Smooth | *Rockland Black**Range Amber BeigeRange Margaux BeigeRange Newport Grey**Range Shaded Grey Range Scandina Grey* | **A**: 180 mm x 67 mm x 335 mm**B**: 180 mm x 67 mm x 402 mm**C**: 180 mm x 67 mm x 469 mm | **A**: 7 1/16" x 2 5/8" x 13 3/16"**B**: 7 1/16" x 2 5/8" x 15 13/16"**C**: 7 1/16" x 2 5/8" x 18 1/2" | ASTM C 1372 |
| Orion | Smooth | *Range Amber BeigeRange Scandina Grey* | **A**: 180 mm x 203 mm x 813 mm | **A**: 7 1/16" x 8" x 32" | ASTM C 1372 |
| RB Standard | Textured | *GreyDesert Grey BlendGranite BlendSierra Black* | **A**: 150 mm x 300 mm x 200 mm | **A**: 5 29/32" x 11 13/16" x 7 7/8" | ASTM C 1372 |
| RB Corner | Textured | *GreyDesert Grey BlendGranite BlendSierra Black* | **A**: 150 mm x 300 mm x 200 mm | **A**: 5 29/32" x 11 13/16" x 7 7/8" | ASTM C 1372 |
| Universal Slope Block | Smooth | *Grey* | **A**: 135 mm x 280 mm x 215 mm | **A**: 5 5/16" x 11" x 8 1/2" | ASTM C 1372 |
| Split Face Universal Slope Block | Textured | *Grey* | **A**: 134 mm x 305 mm x 215 mm | **A**: 5 5/16" x 12" x 8 1/2" | ASTM C 1372 |
| Tandem Next180 Structural | Smooth | *Grey* | **A**: 180 mm x 200 mm x 199 mm | **A**: 7 1/16" x 7 7/8" x 7 7/8" | ASTM C 1372 |
| TandemModule 90 Structural | Smooth | *Grey* | **A**: 90 mm x 155 mm x 201 mm**B**: 90 mm x 155 mm x 268 mm**C**: 90 mm x 155 mm x 335 mm**D**: 90 mm x 155 mm x 402 mm | **A**: 3 9/16" x 6 1/8" x 7 7/8"**B**: 3 9/16" x 6 1/8" x 10 1/2"**C**: 3 9/16" x 6 1/8" x 13 3/16"**D**: 3 9/16" x 6 1/8" x 15 13/16" | ASTM C 1372 |
| Urbano | Smooth | *Range Amber BeigeRange Shaded Grey Range Scandina Grey* | **A**: 201 mm x 120 mm x 335 mm**B**: 201 mm x 120 mm x 402 mm**C**: 201 mm x 120 mm x 469 mm | **A**: 7 15/16" x 4 3/4" x 13 3/16"**B**: 7 15/16" x 4 3/4" x 15 13/16"**C**: 7 15/16" x 4 3/4" x 18 1/2" | ASTM C 1372 |
| Vario 90 | Smooth | *Range Amber BeigeRange Newport GreyRange Scandina Grey* | **A**: 90 mm x 238 mm x 317.5 mm**B**: 90 mm x 238 mm x 397 mm**C**: 90 mm x 238 mm x 476.5 mm | **A**: 3 9/16" x 9 3/8" x 12 1/2"**B**: 3 9/16" x 9 3/8" x 15 5/8"**C**: 3 9/16" x 9 3/8" x 18 3/4" | ASTM C 1372 |
| Vario 180 | Smooth | *Range Amber BeigeRange Newport GreyRange Scandina Grey* | **A**: 180 mm x 238 mm x 317.5 mm**B**: 180 mm x 238 mm x 397 mm**C**: 180 mm x 238 mm x 476.5 mm | **A**: 7" x 9 3/8" x 12 1/2"**B**: 7" x 9 3/8" x 15 5/8"**C**: 7" x 9 3/8" x 18 3/4" | ASTM C 1372 |
| Wedgestone | Textured | *Desert Grey BlendGranite Blend* | **A**: 100 mm x 200 mm x 231 et 153 mm | **A**: 3 15/16" x 7 7/8" x 9 3/32" et 6" | ASTM C 1372 |
| Wallstone Standard | Textured | *Desert Grey BlendGranite Blend* | **A**: 100 mm x 200 mm x 300 mm | **A**: 3 15/16" x 7 7/8" x 11 13/16" | ASTM C 1372 |
| Wallstone Corner | Textured | *Desert Grey BlendGranite Blend* | **A**: 100 mm x 200 mm x 300 mm | **A**: 3 15/16" x 7 7/8" x 11 13/16" | ASTM C 1372 |

END OF SECTION