

# Agglomerate Stone Collection

In Stock



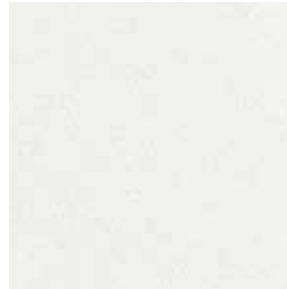
A modern mix of shimmer and rough textures, the slabs of **Agglomerate Stone Collection** have been carefully curated to offer high-impact style – ideal for bartops and countertops. Coordinating flooring tiles are also available for select patterns.



FLVMB111



FLVMB117



FLVMB163



FLVMB296



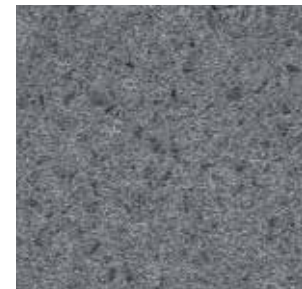
FLVMB306



FLVMB374



FLVMB380



FLVMB385



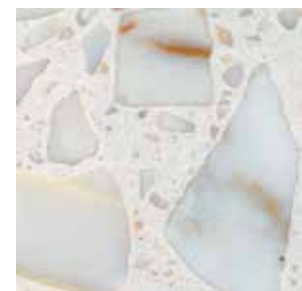
FLVMB387



FLVMB389



FLVMB391



FLVMB011

Tile: 12" x 12"

View collection web page for the complete offering including additional product options, corresponding Spec ID# and updates.

## SPECIFICATIONS

**SIZE:** 120" x 55" ; **Tiles:** FLVMB011 - 12" x 12"

**THICKNESS:** 2cm and 3cm standard; 1.2cm special order on select patterns; **Spec ID#'s are listed for 2cm**

**FINISH:** Polished

- Contact sales@archsystems.com for additional coordinating tiles
- Can contribute to LEED®
- In Stock products are subject to availability
- Please note that variations in color and texture may occur due to the nature of the material

# INSTALLATION METHOD

## NOTES TO SPECIFIER

1. Specify KERLASTIC/KERABOND flexible acrylic latex Portland cement mortar system or KER 318/GRANI/RAPID flexible fast-setting latex hydraulic mortar for interior installation of ASI Agglomerate Stone over most types of substrates including completely cured concrete, brick, masonry block, cementitious backer unit, gypsum wallboard (dry areas only), well-prepared existing ceramic tile and cement terrazzo floors, and for interior residential floors and countertops in dry areas, over a well-prepared GROUP1, EXTERIOR GRADE plywood, C.C. plugged or better according to A.P.A classification and conforming to the U.S. Product Standard PSI-95 or a COFI EXTERIOR GRADE plywood, SELECT or (SEL TF) according to the COFI classification and conforming to CSA 0121 standard for Douglas fir.
2. Specify KER 318/GRANI/RAPID flexible fast-setting latex hydraulic mortar for retiling floors and walls that have to be ready for use within a very short time such as hospitals, airports, shopping malls, commercial office complex, etc.  
In all other cases, specify only the KERLASTIC/KERBOND flexible acrylic latex Portland cement mortar system (see note 1 above).
3. When specifying KERLASTIC/KERBOND flexible acrylic latex Portland cement mortar system, specify that ASI Agglomerate Stone quartz tiles be grouted only 24 hours after installation.
4. When specifying KER 318/GRANI/RAPID flexible fast-setting latex hydraulic mortar for fast-setting or medium-bed installations, specify that ASI Agglomerate Stone quartz tiles be grouted only 3 to 4 hours after installation.
5. DO NOT SPECIFY any of these mortar systems over presswood, particle board, clipboard, masonite, Lauan, asbestos board, metal, gypsum-based patching and leveling compounds, and similar dimensionally unstable materials which are not suitable substrates to receive ASI Agglomerate Stone.
6. Specify KER 800 non-sanded polymer-modified grout mixed with water only when ASI Agglomerate Stone quartz tiles are specified with joints of 1/16" (1.5mm) to 1/8" (3mm) wide for INTERIOR wall installations. Specify joints to be no less than 1/16" (1.5mm) wide. DO NOT ALLOW BUTT JOINTS.
7. Specify ULTRA/COLOR fast-curing, high early strength, polymer-modified sanded tile grout or (KER 200 polymer-modified sanded grout mixed with water) for floors and walls with joints 1/8" (3mm) to 5/8" (15mm) wide. DO NOT ALLOW BUTT JOINTS. Specify joints to be thoroughly compacted and tooled.
8. Colored grouts may cause picture framing or permanent staining of certain types of stone and marble. Before specifying colored grouts ask for a sample test to be made up to ascertain that the natural beauty of the ASI Agglomerate Stone quartz tile will not be altered.
9. When specifying sanded grout, specify that caution be used during the grouting operation to prevent scratching, dulling or otherwise damaging the appearance of the tile surface. A separate test sample should be called for to ascertain that the grout is compatible with and will not cause damage to the tile surface.
10. Structural requirements for ASI Agglomerate Stone require that all floor and wall surfaces be rigid and conform to secure and good engineering practices. Maximum allowable deflection is L/360 when subjected to live and dead loads and should be uniform over the length of the span.
11. ASI Agglomerate Stone quartz tile, its setting mortars and grouts do not constitute a waterproof barrier and should not be considered as a replacement for waterproof membrane. For information concerning PRP 315 thin, load bearing membrane, contact your local MAPEI representative.
12. This is a total system. Specify all materials by name and number herein described to ensure that specifications do not differ from the manufacturer's instructions.

## CONCRETE SUBFLOOR

13.1 No sealer or curing compound shall be used on concrete to be covered with tiles. Concrete shall be completely cured prior to the installation of the tiles. Concrete surfaces which are to receive a tile finish, shall have a wood float finish and shall be left level and true to a tolerance in plane of 1/8" in 8'-0" (3mm in 2.4m) for walls and 1/4" in 10'-0" (6mm in 3m) for floors. Pitch floors to drains where are required. Areas requiring filing, patching or leveling should be prepared using cementitious levelers and patching a material. No gypsum levelers shall be permitted.

13.2 All surfaces to receive tiles shall be left clean and free of dust, oil, grease, paint, tar, wax, curing agent, primer, sealer, form release agent, or any other deleterious substances and debris which may prevent or reduce permitted.

13.3 The general contractor shall be responsible for the removal of any such contaminant prior to the execution of the work.

## GENERAL

### 1.0.1 SUMMARY

- A. Work performed under the requirements of this section shall be subject to all conditions set forth under PART 1 "GENERAL CONDITIONS" as applicable to this portion of the work.

### 1.0.2 REFERENCES

- A. AMERICAN NATIONAL STANDARDS INSTITUTE (A.N.S.I.)
  1. A-118.4 Fast setting latex hydraulic thin-set mortar & latex Portland cement mortar
  2. A-118.6 Ceramic tile grouts
  3. A-118.10 Thin load bearing waterproofing membrane
  4. A-118.9 Cementitious backER units (C.B.U)
  5. A108.5 Installation of ceramic tile with latex thin-set mortar
  6. A-108.10 Installation of grout in tile work
  7. A-108.11 Interior installation of cementitious backER units
- B. TILE COUNCIL OF AMERICA INC.
  1. Handbook for Ceramic Tile Installation

### 1.0.3 SUBMITTALS

- a. Product data: submit manufacturer's technical information and installation instructions for all specified materials
- b. Samples: prior to commencing work, submit for approval six (6) representative tile samples of each type, finish and color of the selected ASI Agglomerate Stone quartz tile mounted on a 1/2" (12mm) EXTERIOR grade plywood using the specified mortar and grouted with the specified grout. These samples shall be of current production, properly identified, clean and representative of the appearance of the finished work.

### 1.0.4 QUALITY ASSURANCE

- a. Provide ASI Agglomerate Stone quartz tile, setting materials and grouts from one source. Additives, installation materials and grouts shall be from the same manufacturer.

### 1.0.5 DELIVERY, STORAGE AND HANDLING

- a. Deliver, stone and handle tiles in a manner to prevent chipping, breakage, staining or any other damage.
- b. Deliver and store packaged material in original containers with seals unbroken and labels intact until time of use. Prevent damage or contamination to materials by water, moisture, freezing, excessive heat, foreign matter or other causes. Do not stir any frozen material until it has completely thawed.
- c. Provide heated or dry storage facilities on site.
- d. Deliver and store all materials on site at least 24 hours before work begins.

### 1.0.5 ENVIRONMENTAL REQUIREMENTS

- a. Maintain environmental conditions and protect work during and after installation. Comply with standards and manufacturer's printed recommendations.
- b. Turn off all forced ventilation and radiant heating systems and protect the work against drafts during installation and for at least 72 hours after completion.
- c. Use indirect auxiliary heaters where necessary to maintain an adequate temperature level in the working environment. B

Y 35 °C) during installation and for 7 days after completion, unless higher temperatures are required by ANSI A108 installation standards or manufacturer's written instructions.

## PRODUCTS

### 2.0.1 MATERIALS

- A. QUARTZ TILE: ASI Agglomerate Stone quartz tiles (specify finish, size, thickness and color).

### 2.0.2 SETTING MATERIALS

- A. FLEXIBLE ACRYLIC LATEX PORTLAND CEMENT MORTAR: (*See Notes to Specifier 1, 2, 5, 10, 11 and 12*) KERALASTIC/KERABOND, two component mortar system conforming to ANSI A-118.4 standard as manufactured by MAPEI with the polymer having the following characteristics:

- Polymer category: Acrylic copolymer
- Solids content (%): 28.0 - 32.0
- pH: 4.0 - 5.0
- Specific gravity (water - 1): 1.026
- Glass transition temperature: -4° F (-20° C)
- Particle size (um): 0.25 - 0.35

- B. FLEXIBLE FAST-SETTING LATEX HYDRAULIC MORTAR: (*See Notes to Specifier 1, 2, 5, 10, 11 and 12*) KER 318/GRANI/RAPID, two-component, flexible latex hydraulic thin-set mortar conforming to ANSI A-118.4 standard for fast-setting mortars as manufactured by MAPEI.

- C. ACCESSORIES

1. DRYWALL LATEX PRIMER: PLANICRETE 50 as manufactured by MAPEI
2. WATERPROOF MEMBRANE: (*See Notes to Specifier 10, 11, and 12*) PRP 315 thin, load bearing, trowel-applied waterproof membrane conforming to ANSI A-118.10 standard as manufactured by MAPEI

### 2.0.3 GROUTING MATERIALS

- A. FAST-SETTING, POLYMER-MODIFIED CEMENTIOUS GROUT: (*See Notes to Specifier 7, 8, and 9*) ULTRA/COLOR, fast-curing, high early strength, polymer-modified sanded commercial tile grout conforming to ANSI A-118.6 standard as manufactured by MAPEI. Color: (specify color) as selected by the architect.
- B. NON-SANDED TILE GROUT: (*See Notes to Specifier 6, 8, and 9*) KER 800, polymer-modified, non-sanded Portland cement grout conforming to ANSI A-118.6 standard as manufactured by MAPEI. Color: (specify color) as selected by the architect.
- C. SANDED TILE GROUT: (*See Notes to Specifier 7, 8, and 9*) KER 200, polymer-modified sanded Portland cement grout conforming to ANSI A-118.6 standard as manufactured by MAPEI. Color: (specify color) as selected by the architect.
- D. WATER: Clean, cold and potable.

## 2.0.4 MIXES

- A. Mix setting and grouting materials in strict accordance with manufacturer's printed instructions
- B. Use clean mixing containers
- C. Use a low speed mixer (approximately 300 RMP).

## 2.0.5 SPECIAL CONDITIONS *(See Notes to Specifier 2, 4, 5, 7, 8, 9, 10 and 12)*

- A. In areas which cannot be closed to traffic for any length of time, install tiles with KER 318/GRANI/RAPID flexible fast-setting latex hydraulic thin-set mortar system and grout with ULTRA/COLOR fast-curing, high strength polymer-modified sanded tile grout.
- B. When installing large size tiles [16" x 16" (40cm x 40cm) and larger], use a special medium-bed mortar trowel [3/4" x 9/16" (19mm x 14mm)] U-shaped and install KER 318/GRANI/RAPID as a flexible medium-bed mortar.

## EXECUTION

### 3.0.1 EXAMINATION

- A. Before work commences, examine the area to be covered and report any deficiency or adverse condition in writing to the general contractor and the architect. Do not proceed with the work until surfaces and conditions comply with the requirements indicated in the manufacturer's instructions and in ANSI A-108.5 specification. For more details, see "TCA HANDBOOK FOR CERAMIC TILE INSTALLATION".

### 3.0.2 SURFACE PREPARATION

#### A. GENERAL

1. All supporting surfaces shall be structurally sound, solid, stable level plumb and true to a tolerance in plane of 1/8" in 8'-0" (3mm in 2.4m) for walls and 1/4" in 10'-0" (6mm in 3m) for floors. They shall be dry, clean and free of dust, oil, grease, paint, tar, wax, curing agent, primer, sealer, form release agent or any deleterious substance and debris which may prevent or reduce adhesion.
2. Mechanically sand and scarify the substance to completely remove all paint, loosely bonded topping, loose particles and construction debris.
3. Neutralize any trace of strong acid or alkali from the substrate prior to the application of the mortar.
4. All substrates shall be dry. The moisture content shall not exceed 5%.
5. In all cases, the structural design of floors shall not allow a deflection of more than 1/360 of the span under live and dead loads.

#### B. CONCRETE

1. Concrete surfaces shall be dry, completely cured and free of hydrostatic conditions and/or moisture problem.
2. On grade or below grade concrete slabs must be installed over an effective vapor barrier and be exempt of hydrostatic conditions.
3. New concrete surfaces shall be wood floated or broom finished.
4. Over excessively dry porous concrete keep the concrete substrate continuously moist for at least 24 hours before work begins. Remove all excess water or standing water allowing the surface to become almost dry before installing the leveling coat or setting mortar

#### C. CEMENTITIOUS BACKER UNITS (C.B.U)

When installed by others, the C.B.U shall be from a reputable manufacturer and shall conform to the quality standard requirements of ANSI A-118.9. It must be installed according to the C.B.U. Manufacturer's instructions and in strict accordance with ANSI A-108.11 standard for INTERIOR INSTALLATION OF CEMENTITIOUS BACKER UNITS

#### D. GYPSUM WALL SURFACES *(Interior dry areas only)*

Prime all drywall and plaster wall surfaces with PLANICRETE 50 multi-purpose latex and let dry completely before applying the mortar.



- E. RESURFACING OLD SURFACES (*Interior installations only*)  
Old cement terrazzo, ceramic tile, paver and quarry tile shall be sound, solid, well-bonded, flawless, stripped clean and free of dust, wax, grease, sealer, soap residue and all other deleterious substances which may reduce or prevent adhesion.
- F. PLYWOOD (*Specify only for interior residential floors and countertops in dry areas*) (See Notes to Specifier 1, 10 and 11)
1. Plywood substrate and underlayment shall be GROUP 1, EXTERIOR GRADE plywood - C.C. plugged or better, conforming to A.P.A. classification and U.S. Product Standard PS 1-95 or a "SELECT" OR (SEL TF) COFI classified EXTERIOR GRADE plywood conforming to CSA 0121 standard for Douglas fir. Presswood, particle board, clipboard, masonite, gypsum floor patching compounds, asbestos board, Lauan and similar dimensionally unstable materials are not acceptable substrates.
  2. Plywood surfaces shall be installed smooth face-up. Offset joints of sub-floor and underlayment. Use exclusively new plywood.
  3. When on joists 16" (40cm) O.C. Plywood sub-floors shall consist of 2 layers each 5/8" (16mm) thick, and gapped 1/4" (6mm) between sheets and between all materials which they abut such as walls, drains and posts.
  4. Plank or board floors shall be covered over with one layer of 3/4" (19mm) thick exterior grade plywood, each sheet to be fastened with screws 8" (20cm) O.C. in all directions and around the perimeter. Leave 1/4" (6mm) spacing between each plywood sheet and between all materials which they abut such as walls drains and posts
  5. The adjacent edges of the plywood sheets shall not be more than 1/32" (0.75mm) above or below each other.
  6. All wood sub-floors shall be well heated and vented from under.

### 3.0.3 INSTALLATION

- A. Before setting, use a damp towel and wipe the backside of the tile to remove any dust or other residue that may be left over from the manufacturing process.
- B. On interior wall installation, use a notched trowel with deep enough grooves to achieve an 80% minimum mortar contact with the back side of the tiles. (Edges and corners must be fully backed with mortar when set.)
- C. In all wet areas and commercial floors, back butter each tile with a sufficient mortar layer, using the flat edge of the trowel immediately prior to laying to achieve a 100% mortar contact and a void-free solid support. Simultaneously apply the mortar to dry or skin over on either surfaces before laying the tiles.
- D. Where medium-bed mortar installation is specified, use a specially designed medium-bed trowel with 3/4" (19mm) wide x 9/16" (14mm) deep notches to install KER318/GRANI/RAPID flexible mortar.
- E. Install ASI Agglomerate Stone according to the manufacturer's strict recommendations as to the particulars of the mortar system and following the general outline procedure set forth in ANSI A-108.5 SPECIFICATIONS FOR THE INSTALLATION OF CERAMIC TILES.
- F. On walls, start installing at the lowest portion of the wall. Support the tiles with wedges, pegs or ropes to prevent sagging.
- G. On floors and walls where tiles are specified to be grouted with non-sanded grout, install tiles leaving a regular even spacing between tiles of at least 1/16" (1.5mm) and a maximum of 1/8" (3mm). NO BUTT JOINTS SHALL BE PERMITTED.
- H. on floors and walls where tiles are specified to be grouted with non-sanded grout, install tiles leaving a regular even spacing between tiles of at least 1/8" (3mm) and a maximum of 5/8" (15mm). NO BUTT JOINTS SHALL BE PERMITTED.

### 3.0.4 EXPANSION AND CONTROL JOINTS

- A. Carry existing joints in the concrete sub-floors and walls through the covering surfaces.
- B. Install control joints where the tiles abut restraining surfaces around the perimeter of the work and at the base of columns and curbs.
- C. Install and space expansion and control joints in all directions according to the strict instructions of the Tile Council of America's Detail #EJ-171 as described in the latest edition of their HANDBOOK FOR CERAMIC TILE INSTALLATION.

**Caution:** Control Joints: It must be clearly pointed out that under no circumstance should the control joint be cut in after the tile has been installed as this defeats the object of the exercise. The installer should install up to the control joint and stop. If required, cut the tile and commence setting from the opposite side. Before continuing, rake the joint clean.

- D. Install an approved compressible bead and sealant to caulk expansion and control joints following the sealant manufacturer's strict instructions.

### 3.0.5 GROUTING

- A. Where ASI Agglomerate Stone is installed with KERALASTIC/KERABOND flexible acrylic Portland cement mortar system, grout no sooner than 24 hours after installation.
- B. Where ASI Agglomerate Stone is installed with KER 318/GRANI/RAPID flexible fast-setting latex hydraulic mortar grout no sooner than 3 to 4 hours after installation.
- C. Use caution when grouting to prevent scratching or damaging of the tile surface. Always do a test area and obtain the architect's written approval before proceeding with the grouting of the entire work.
- D. On walls where joints widths are specified to be 1/16" (1.5mm) to a maximum of 1/8" (3mm), install KER 800 NON-SANDED polymer-modified grout as specified.
- E. On floors and where joint widths are specified to be 1/8" (3mm) to 5/8" (15mm), install ULTRA/COLOR or KER 200 SANDED grout as specified.
- F. Install grouts in strict accordance with the grout manufacturer's instructions and following the general outline procedure of ANSI A-108.10 for latex Portland cement grouts.

### 3.0.6 CLEANING

- A. Remove all grout and mortar residue immediately while work progresses and before the materials harden on the tile surface.
- B. Clean tiles completely leaving no apparent cement latencies or film on the surface of the tile. DO NOT ACID WASH, especially where colored grouts are specified.

### 3.0.7 PROTECTION

- A. Flexible acrylic latex Portland cement mortar installation:
  - 1. Protect finished work against weather, freezing and complete water immersion for at least 21 days after completion of the work.
  - 2. Floors: Protect floors from foot traffic for at least 24 hours and general traffic for at least 72 hours after installation. Prohibit heavy traffic on floors for at least 7 days after installation.
  - 3. Walls: Protect walls from impact, vibration and hammering on adjacent and opposite walls for at least 14 days after installation.
- B. Flexible fast-setting latex hydraulic mortar installation:
  - 1. Protect finished work against weather, freezing and complete water immersion for at least 72 hours after completion of the work.
  - 2. Floors: Protect floors from general traffic for at least 3 to 4 hours after installation. Prohibit heavy traffic on floors for at least 24 hours after installation.
  - 3. Walls: Protect walls from impact, vibration and hammering on adjacent and opposite walls for at least 24 hours after installation.
- C. Since temperature and humidity during and after installation affect the final curing time of all cement based and epoxy materials, allow for extended periods of cure and protection when temperatures drop below 60° F (15°C) and/or when relative humidity is higher than 70%.

# MAINTENANCE

## COUNTERTOP SURFACES

### Routine Care

ASI Agglomerate engineered marble surfaces are very easy to maintain, and with simple care it will retain its luster and beauty for many years. For routine cleaning, use a damp cloth or paper towel and a small amount of mild soap, if necessary. Once clean, rinse and dry surface thoroughly.

Specialized products such as Quick Clean® and Plus 10®, available from ASI, can be used to further assist with routine care and maintenance.

### Removing Difficult Spills

For stubborn or dried spills, use a nonabrasive cleaning pad such as a white 3M Scotch-Brite® scrub pad combined with a small amount of milk soap or specialized stone cleaner.

### Preventing Staining and Other Damage

Generally, prevention will save a great deal of time spent on cures and remedies, especially since damage to marble is often irreparable. A good commercial penetrating stone sealer, such as KlearSeal® or Anti-Drop®, available from ASI, should be applied every year after to maintain an optimum level of stain prevention. Spills of any type should be immediately removed and rinsed with water. ASI Agglomerate may stain, etch or dull if exposed to liquids (such as wine, vinegar, tea, lemon juice, and soda) or fruits and vegetables for prolonged periods of time. Coasters should be placed under all glasses, particularly those containing liquids or citrus juices. ASI Agglomerate marble surfaces can be damaged from prolonged exposure to heat, so you must always use a trivet or hot pad under heated dishes.

ASI Agglomerate can also show scratches, the use of a cutting board is always recommended.

## FLOOR SURFACES

### Routine Care

ASI Agglomerate floors in high traffic areas should be cleaned daily with a clean, dry dust mop or soft bristle broom. ASI Agglomerate floors in low traffic areas can be cleaned less frequently using the same method. Spills should be spot treated with the use of a damp mop or cloth towel and a small amount of mild soap or specialized stone cleaner, if necessary.

ASI Agglomerate floors should be cleaned thoroughly once a week or as needed due to traffic. Begin with a dry dust mop or soft bristle broom and remove loose dirt and debris. Then clean the entire floor using a damp mop combined with a low-pH neutral floor cleaner such as VMC-30®, available from ASI. A floor machine such as a slow speed buffer or walk behind scrubber can be used for larger commercial environments. Be sure to rinse thoroughly to remove any haze residue that may diminish the shine and beauty of the floor.

### Heavily Soiled Floors

As with any floor, it makes sense to clean up spills as soon as possible. For stubborn or dried spills, use a nonabrasive cleaning pad such as a white 3M Scotch-Brite® scrub pad combined with a small amount of milk soap or specialized stone cleaner.

## GENERAL PRECAUTIONS

### Chemicals to Avoid

Avoid exposing any ASI Agglomerate marble surface to chemicals and solvent, especially paint removers or furniture strippers containing trichlorethane or methylene chloride.



## WARRANTY

Architectural Systems, Inc. as a seller, warrants to the original consumer purchaser that ASI Agglomerate Stone Collection, which has been installed by qualified installers for two (2) years after completion of the installation against cracking, spalling, splitting or bond failure for any reason other than unreasonable use (including damage from high heeled shoes), improper maintenance, foundation settling, cracking or deterioration of the surface upon which ASI Agglomerate Stone Collection was installed or other causes not arising out of manufacturing defects in the ASI Agglomerate Stone Collection.

In the event that a guaranteed failure of ASI Agglomerate Stone Collection as such terms is defined above, does occur within two years after completion of the installation, ASI, at it's expense, will furnish replacement ASI Agglomerate Stone Collection material but not the cost of the labor for fabricating, removing, replacing, or repairing the damaged product.

Any implied warranties arising out of this sale, including but not limited to the implied warranties or merchantability and fitness for a particular purpose, are limited to the above two (2) year period. ASI shall not be responsible for consequential or incidental damages. **NOTE:** Some states do not allow the exclusion or limitations of implied warranties or consequential or incidental damages, so the above limitation or exclusion may not apply.

This warranty extends exclusively to the original consumer purchaser of the warranted product, and subsequent purchasers or users are not covered by this warranty.

This warranty gives the purchaser specific rights, and the purchaser may also have other rights from state to state.

## TECHNICAL DATA

### COMPOSITION

Selected marble aggregate (95%) and filler in a special polyester thermal set resin binder.

### ASTM TEST INDEX – Large Chip

Abrasive Wear (ASTM C-501)	150-200
Dimensional Stability (wet)	Class A
Freeze-Thaw Cycling (ASTM C-1026)	No % of weight loss
Flaming Mode (ASTM E-662)	189
Modulus of Rupture (ASTM C-99)	6,410 psi
Non-Flaming Mode (ASTM E-662)	67
Flame Spread (ASTM E-84)	17
Coefficient of Friction (ASTM C-1028)	0.61 - 0.75 (Polished)
Stain Resistance (ASTM D-54384)	No change after 9 days
Thermal Shock (ASTM C-484)	Meets requirements
UV Stability	No change in gloss, no chalking, and no color change
Water Absorption (ASTM C-97)	0.01%
Wear Resistance/Hardness (ASTM C-291)	78.87
Resistance to Deicing Salts (ASTM C-672)	No change
Tensile Strength (ASTM C-307)	Not less than 1,650 psi
Compression Strength (ASTM D-695)	14,500 psi