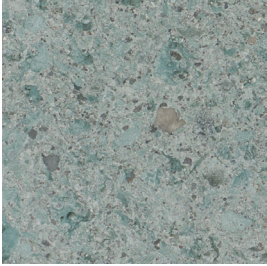


POOL STONE COLLECTION

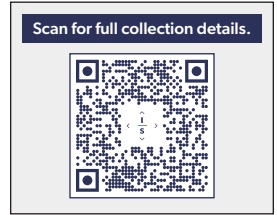
Available Colors



Sukabumi Select

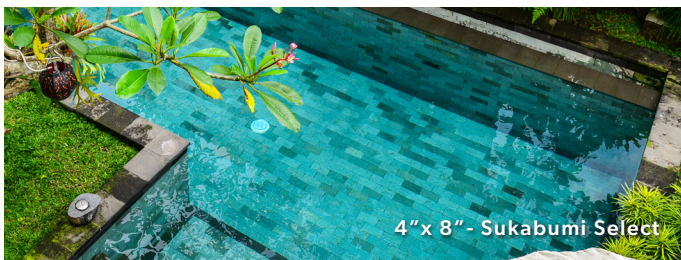
Product Details

- Sukabumi Select mosaics are back-mounted with an alkali-resistant mesh and non-water-soluble glue facilitating installation in intermittent wet and submerged applications.
- Install per the *TCNA Handbook for Ceramic, Glass, and Stone Tile Installation* and the Island Stone installation instructions available at IslandStone.com.
- Inspect the entire order prior to commencing tile work and blend unmounted pieces.
- Sukabumi Select may be sealed, depending on the application.
- Sukabumi Select should be cleaned with a pH-neutral stone cleaner, alkaline-based cleaner, or acid mimic cleaner designed for natural stone.



Product Information

Island Stone Sukabumi Select is a natural stone, which has been mined from the earth in Indonesia. Natural stone is not a manufactured product. It was formed millions of years ago through heat, pressure, and subsequent cooling. The random nature of this geological process can result in variations in the stone's appearance, strength, and performance. From an aesthetic standpoint, this is one of the things that makes natural stone so special, no two pieces will ever be alike. However, these unseen variations can be challenging from a specifier and user's standpoint. Island Stone has tried to reduce this variability by only accepting the highest quality stone from the mine, hence the name Sukabumi Select. As a result of a rigorous inspection, grading, and quality control process, Island Stone can offer a stone tile that is suitable for interior and exterior walls, floors, and submerged applications. Sukabumi is a tremendously popular stone in the overseas market. Millions of square feet have been successfully specified and installed, particularly in pools where Sukabumi's varied green colors transform into deep, rich shades which effortlessly blend with the natural environment found in most outdoor spaces.



Petrographic analysis, per ASTM C172, identifies Island Stone Sukabumi Select as an extrusive igneous rock. While often mistaken for a green marble or serpentine, Sukabumi Select's performance characteristics are closer to a granitic stone than any other stone type. Sukabumi Select does not entirely meet the criteria for a C615 Granite as designated by the ASTM Dimension Stone Classification Index. However, the performance criteria for the Classification Index are based on the stone being used as a load-bearing structural unit, not a stone floor or wall tile as is the case with Island Stone Sukabumi Select. For more information about the ASTM Stone Index refer to the *Dimension Stone Design Manual* available through the Natural Stone Institute.

Island Stone Sukabumi Select has granite's flexural strength and abrasion resistance, while absorption, density, and compressive strength are more in line with a high-density limestone often used for pool coping. In dimensional stability testing, Sukabumi Select showed no warping or sensitivity to

moisture, so can be installed with a setting material that has been mixed with water. For a complete list of the test results, please see the chart on the following page.

Should Sukabumi Select be sealed?

The answer to that question will be determined by where the stone is being installed and the desired appearance of the finished installation. There are several benefits to sealing natural stone. A well-sealed surface will decrease the possibility of staining, ease maintenance, and reduce moisture absorption. For tiled areas not exposed to water, Island Stone recommends sealing Sukabumi Select. For pools or water features, staining is generally not a concern, however, ease of maintenance and reduced moisture absorption may be beneficial in intermittent wet areas.

As previously mentioned, Sukabumi Select's natural green color will significantly darken when exposed to water. If this color shift is desired and you would like the stone to be sealed, consider an enhancing sealer, which should mimic the stone's appearance when wet and provide the benefits of a sealed surface. If the stone's darker appearance is not wanted, sealing the surface with a penetrating sealer will reduce moisture absorption and subsequently limit color change when exposed to water.

There are numerous brands and types of sealers available in the market today and we could not possibly list all the options. However, we have provided a list of some quality sealer manufacturers for reference.

- Aqua Mix
- Mapei
- Oceancare
- Stonetech
- Fila
- Miracle Sealants
- Stain-Proof
- VanHearron

When selecting a sealer, first and foremost, the sealer must be recommended for the intended application. Second, we strongly suggest testing the sealer on several uninstalled pieces of stone, letting the sealer cure, and then exposing the sealed surface to water to confirm the result will meet your expectations.

Over time, all natural stone products may experience an appearance change, particularly when installed in an exterior application. This "weathering" can be reduced by regularly sealing and properly maintaining the stone with the appropriate cleaners. The occasional appearance of rust spots may also occur as most natural stones have the potential for ferrous inclusions (iron). Once again, this possibility can be reduced with sealing. Any slight rust marks should fade as the iron completely oxidizes.




POOL STONE COLLECTION

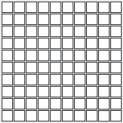
Test Results

TEST	ASTM C97	ASTM C97	ASTM C99	ASTM C170	ASTM C650	ASTM C609	ASTM C666
	Absorption	Density	Modulus of Rupture	Compressive Strength	Chemical Resistance	Measurement of Light Reflectance Value	Freeze-Thaw Resistance
RESULTS	2.27% average	133.8 (lbs/ft3) average	2,150 (psi) average	13,240 (psi) average	Class E	Average LRV (Y) 41	150 cycles 53.5% strength loss low resistance

TEST	ASTM C880	ASTM C1353	ASTM E1980	ANSI A326.3	ASTM C67	DIN EN 14617 12	ANSI A137.2 Section 7.7
	Flexural Strength	Abrasion Resistance	Solar Reflectance Index	Dynamic Coefficient of Friction	Saline Exposure	Dimensional Stability	Shear Bond Strength
RESULTS	2,000 (psi) average	34 (I _w) average	40.33	≥ .42	No notable blooms or staining	Stable/not sensitive to humidity	Dry > 200 psi Submerged > 150 psi

Sizes

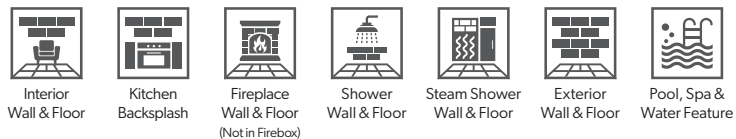
FIELD TILE	Parent Code	Pattern	Finish	Actual (in)	Actual (mm)	Coverage Per Piece	Thickness	lbs/box	pcs/box	Pool, Spa & Water Feature
	ps44	4"x 4"	Honed	3 15/16"x 3 15/16"	100 x 100 x 10mm	0.11 sf	3/8"	28.80	60	Yes
	ps48	4"x 8"	Honed	3 15/16"x 7 7/8"	100 x 200 x 10mm	0.22 sf	3/8"	29.70	30	Yes
	ps66	6"x 6"	Honed	5 7/8"x 5 7/8"	150 x 150 x 10mm	0.24 sf	3/8"	41.80	38	Yes

MOSAIC TILE*	Parent Code	Pattern	Finish	Actual (in)	Actual (mm)	Coverage Per Piece	Thickness	lbs/box	pcs/box	Pool, Spa & Water Feature
	ps11	1.25"x 1.25"	Honed	12 7/8"x 12 7/8"	326 x 326 x 10mm	1.14 sf	3/8"	20	5	Yes

*Mesh mounted



Suggested Usage



Confirm complete product specifications at IslandStone.com.

All tile and natural stone products may vary slightly in color, shade, finish and size. Upon delivery, inspect the entire tile order prior to commencing tile work. Grout color selection may have an impact on the appearance of the tile. Installation constitutes acceptance. No claims will be accepted after installation.