



<u>Test</u>	<u>Results</u>	<u>Test Method</u>
MOHS Hardness	7	MOHS scratch hardness
Water Absorption/ Bulk Gravity	0.01% / 163.5 lb ft	ASTM C97
Resistance to Chemicals	Class E rating	ASTM C650
Abrasion Resistance	Class 2 rating	ASTM C1027
Crazing Resistance	No evidence of Crazing	ASTM C424
Static Coefficient of Friction	Wet .50, Dry .77	ASTM C1028
Stain Resistance	Class A	ASTM C1378
Freeze / Thaw	No Visual Deterioration	ASTM C666
Linear Thermal Expansion	5.5113x10 -6	ASTM C372
Flexural Strength	Wet 5324 psi , Dry 6006 psi	ASTM C880

Product Description - GLASSOS® Crystal White is pure white, sintered crystallized glass. This unique stone-like material emulates natural stone by using a very sophisticated technique of crystallizing molten glass, blending it with select minerals then fusing the crystals together using only intense high temperature. The result is GLASSOS® Crystal White, a versatile stone-like material nearly identical to White Thassos Marble. Unlike Thassos, Glassos® Crystal White is as hard as granite and has virtually zero porosity, so it never requires sealing. Its superior qualities also include resistance to scratches, stains, scorching and bacteria. GLASSOS® Crystal White is stocked in a polished and Satin Texture™ finish.

Sizes and Availability - Glassos® Crystal White Slabs are produced in 18mm and 29mm thickness. Tiles are produced in 12 x 24 x ½”, 24 x 24 x ½” thickness. Refer to the January 2022 Glassos® Wholesale price list for current slab and tile sizes. Tiles and slabs are not calibrated. Dimensional tolerances on tile +/- 1/32. The backs of the slabs are relatively smooth and may have some irregularities from the manufacturing process. Slab flatness tolerance +/- ¼” on 120”. Exposed edges may be calibrated for a uniform appearance.

Applications – Applications include but are not limited to walls, floors, counter tops, vanity tops, shower jambs, sills, niches, saddles and exterior panels.

Suggested Minimum Joint Width and allowances – Interior horizontal countertop seams up to 25” deep require a joint space of 1/32” min, 1/16” -1/8” joint when greater than 25” deep. Interior vertical panels up to 25” minimum require a joint space of 1/16” – 1/8”, 1/8” -1/4” when greater than 25” deep. Suggested minimum exterior joint width 7/16”. There must be a minimum 4” setback for all sink and cook top cut outs. All inside corners including sink cut outs, cook top cut outs, outlets, bump outs and notches must have a minimum ½” inside radius corner. Seams at cooktops and niche cut outs are recommended when ½” radius and 4” setback is not feasible.

Polished Finish – All Glassos® products are stocked in a polished finish.

Satin Texture Finish – The Satin Texture process utilizes a specialized abrasive to remove the polished finish, creating a matte finish and increasing the coefficient of friction. Satin Texture is available on tile, cut to size projects and full-size slabs.

Installation – GLASSOS® countertops may be fabricated and installed by a skilled stone professional. For seams and mitered laminations on GLASSOS® Crystal White use matching professional grade acrylic epoxy cartridges. Counter tops and other interior horizontal surfaces may be installed using Silicone® adhesive. Tiles and panels may be installed using modified white Portland Cement such as Laticrete® Platinum or Latapoxy® for exterior and wet areas.

Slab Handling and Storage – Store slabs on steel A frames or slab pole racks with wood blocking between the slab and the steel. Slabs may be stored face to face with up to 10 slabs per side of an A frame. Handle slabs with a slab lifter one at a time. Never use cables or slings to lift multiple slabs when loading or unloading.

Care and Maintenance – GLASSOS® Crystal White polished or Satin finish. may be cleaned with a soft cloth or paper towel using glass cleaner or ph neutral soap and water. For aggressive cleaning use acetone. Household stone polish or wax may be used to add further protection or enhance the polished surface. **Never use abrasive cleaners or abrasive sponges or harsh chemicals. Avoid placing heavy or abrasive objects on the surface without adequate protection. Always use a cutting board and trivet all countertop materials.**

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