

GLASSOS® CRYSTAL WHITE Architectural Specifications 2017

Product Description - GLASSOS® Crystal White is pure white crystallized glass. This unique building material is made using a very sophisticated technique of crystallizing molten glass and select minerals then fusing the crystals together using only intense high temperature. The result is GLASSOS® sintered crystallized glass, a versatile building material that is nearly identical to Pure White Thassos Marble, yet unlike Thassos, it is as hard as granite and never requires sealing. Its superior qualities include resistance to acid and alkali as well as bacteria resistant, free of radon, high reflectivity, extreme hardness and zero porosity. Under normal use the surface will not stain or scratch. GLASSOS® Crystal White is stocked in a polished and Satin Texture™ finish.

Sizes and Availability - Slabs are produced in nominal dimensions of 56" x 120". Thicknesses include 1-1/4", 3/4". Tiles are produced in 12x12, 18x18, 12x24, 24x24 all in 1/2" thickness. Also available in 3x6x1/2" subway tile and mosaic sheets 3/4 x 3/4x 3/8" square. Cut to size tolerances on dimension are +/- 1/16" on slab and +/- 1/32 on tile. The back of the slabs may have some irregularities from the manufacturing process. Calibration may be required to get a uniform thickness on the edge.

Applications - 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" set back 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 1/2" inside radius corner.

Satin Texture - GLASSOS® Crystal is stocked in a polished finish and available in GLASSOS® Satin Texture. Satin Texture is a matte finish that removes the polish and increases the coefficient of friction on GLASSOS® products. The treatment is available on tile, cut to size projects and full size slabs.

Installation - For seams and mitered laminations on GLASSOS® Crystal our craftsmen use GLASSOS® Crystal Bond cartridges. Counter tops and other interior horizontal surfaces may be installed using Silicone® adhesive. Vertical surfaces may be installed using White Portland Cement such as Laticrete® Platinum or Latapoxy® for exterior and wet areas.

Care and Maintenance - No sealer required. Will never yellow or stain. Clean with a soft cloth or paper towel using glass cleaner. **Don't use abrasive household surface cleaners or abrasive sponges. Avoid placing heavy or abrasive objects on the surface without adequate protection. Always use a cutting board.**

<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

Polished surface

GLASSOS® is a registered trademark of:



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