

Touchstone™ Silk Epoxy

Knife Grade Viscosity

Touchstone Silk is a two-part translucent white structural epoxy for light colored marbles, granites, quartz and engineered stones. Touchstone Silk offers the exceptional performance of an epoxy (strength, durability, longevity) with the added advantages of non-staining and improved UV color stability.

Product Information

- Mix Ratio = 2:1 by volume
- Set Time = 2 hours @ 75°F
- Translucent white color
- Transparent and easily polished
- Exceptional strength and durability
- Excellent clarity — easily colorized
- Holds up through rigorous machining
- Exterior grade epoxy
- Ideal for high humidity or freeze-thaw conditions
- Knife-grade (non-sag) viscosity
- Can be tinted using **Touchstone Liquid Tints**

Applications

- Countertop fabrication
- Miters for marble, granite and quartz
- Stone lamination
- Laminating stone to other construction materials



Available In

- Quart Kit (2 Qts A / 1 Qt B)
- Gallon Kit (2 Gal A / 1 Gal B)



Manufactured by Bonstone
TOUCHSTONE™

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TECHNICAL DATA SHEET

FILE UNDER DIV. 4

SILK EPOXY

Product Description

A two-component, interior and exterior knife grade, Translucent white epoxy adhesive.

Mix Ratio:	2 : 1 by volume	
Mixed Viscosity @ 75 F	Gel/ Knife grade consistency	
Mixed color:	Translucent white	
Pot Life:	25 minutes	
Initial set time at 75°F	2 hours	
Full cure time at 75°F	within 24 hours	
Tensile Strength	5049 psi	ASTM D-638
Tensile Modulus	457,156 psi	ASTM D-638
Tensile Elongation	0.98%	ASTM D-638
Flexural Strength	11,815 psi	ASTM D-790
Flexural Modulus	390,523 psi	ASTM D-790
Compressive Strength	11,209 psi	ASTM D-695
Compressive Modulus	221,735 psi	ASTM D-695
Shore "D" Hardness	88	ASTM D-1706
<u>Granite-Granite Shear</u>		
Dry Stone:	4902 psi (Stone failure)	
Damp Stone:	4155 psi (Stone failure)	
Submerged after cure:	4826 psi (Stone failure)	