Touchstone™ Edge System

ZERO VOC

Strongest Adhesive Bond Available

Touchstone Edge System (TES) is water-clear, polishable and, unlike polyester and acrylic adhesives, it will not shrink. With TES, you'll never have to return to a job site to solve adhesive problems. It lays down a thin, tight bond line, and bullnoses stay put. In addition it grabs, holds and sets, despite humidity or freeze/thaw conditions. You can shorten set time by applying heat. Tinting is also easy, because TES is a clear epoxy. Touchstone Edge System can be also used with our "Easy Mix" Dispensers.

Product Information

- Mix Ratio = 2:1 by volume
- Set Time = 2 hrs @ 75°F
- Fast curing
- Transparent and easily polished
- Exceptional strength and durability
- Excellent clarity and easily colorized
- Holds up through rigorous machining
- Exterior grade epoxy
- Ideal for high humidity or freeze-thaw conditions
- Can be tinted using **Liquid Tints**
- Can be used with **Easy Mix Dispenser**

Available In

- Quart Case (2qt A +1qt B)
- Gallon Case (2 Gallons A + 1 Gallon B)

Applications

- Countertop fabrication
- Stone lamination
- Laminating stone to other construction materials
- Excellent for rodding countertops
- Stone patching, mending, repairing and bonding

Manufactured by Bonstone

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TECHNICAL DATA SHEET

FILE UNDER DIV. 4

Edge System

Product Description

A two-component, exterior grade, clear epoxy adhesive. Two hour set, flowing liquid.

Mixed Properties	***Values***
Mix ratio	2 parts TES A to 1 part TES B by volume
Pot life at 75°F	25 minutes
Cured Properties	
Initial set time at 75°F	2 hours
Full cure time at 75°F	within 24 hours

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Temp	Set times
55°F - 65°F	4 - 6 hrs
65°F - 75°F	3 - 4 hrs
75°F - 85°F	2 - 3 hrs
85°F - 95°F	1 - 2 hrs
Over 95°F	short pot life

Apply heat for faster set-times

		Test Methods
Strengths		
Tensile	9,,500 psi	ASTM D-638
Compressive	13,000 psi	ASTM D-695
Flexural	17,000 psi	ASTM D-790
Shear - academy black granite	4,202 psi *(stone failure)*	ASTM D-905-89
Modulus		
Tensile	228,000psi	ASTM D-638
Compressive	327,000 psi	ASTM D-695
Flexural	498,000 psi	ASTM D-790
Elongation		
Tensile: elongation at break	5.5%	ASTM D-638
Shore D hardness	80	ASTM D-1706
Heat distortion temperature	135°F	ASTM D-648

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