

TouchstoneTM Penetrating and Penetrating RS



Low
Viscosity
Epoxy

Penetrating (Set time = 6-8 hrs @ 75°F)

Penetrating Epoxy is a very low viscosity penetrating epoxy, which, along with our mesh backing, will create effective reinforcement of your slab or countertop. This product penetrates the structural fissures of granite and marble and will adhere the mesh to our stone for added strength and integrity.

Penetrating RS (Rapid Set) (Set time = 2 hrs @ 75°F)

Penetrating Epoxy RS is a 2-component, low viscosity product developed for laminating and thin crack repair applications. This exterior grade epoxy is clear and has a faster setup time than Penetrating Epoxy.

Product Information

- Mix Ratio = 2:1 by volume
- 40% increase in strength of stone
- Very low viscosity gives good penetration
- Can be tinted using Touchstone Liquid Tints

Applications

- Alternative to rodding countertops
- Strengthen weakened joints in stone
- Can be used around bowl cut outs for added strength
- Use with scrim/mesh for strengthening stone and slabs



Available In

- Quart Kit (2 Qts A / 1 Qt B)
- Gallon Kit (2 Gal A / 1 Gal B)
- Pail Kits Available, Please call



Manufactured by Bonstone

TOUCHSTONETM

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4. TECHNICAL DATA TOUCHSTONE Penetrating Epoxy

	Values	Test Methods
<i>Typical Mixed Properties:</i>		
Mix Ratio:	Two parts A to one part B, by volume	
Viscosity, mixed, 75F:	250 centipoise	
Pot Life at 75°F:	40 minutes	
<i>Typical Cured Properties:</i>		
	(Cured seven days at 75F)	
Initial set time at 75°F:	6-8 hours	
Full cure time at 75°F:	within 24 hours	
Shore D hardness:	78	ASTM D-2240
Tensile Strength:	5,869 psi	ASTM D-638
Tensile Modulus:	464,521 psi	ASTM D-638
Tensile Elongation at break:	1.5 %	ASTM D-638
Flexural Strength :	12,442 psi	ASTM D-790
Flexural Modulus:	464,751 psi	ASTM D-790
Compressive Strength:	9,204 psi	ASTM D-695
Compressive Modulus:	186,455 psi	ASTM D-695

4. TECHNICAL DATA TOUCHSTONE Penetrating RS Epoxy

	Values	Test Methods
<i>Typical Mixed Properties:</i>		
Mix Ratio:	Two parts A to one part B, by volume	
Viscosity, mixed, 75F:	700 centipoise	
Pot Life at 75°F:	12 minutes	
<i>Typical Cured Properties:</i>		
	(Cured seven days at 75F)	
Initial set time at 75°F:	1-2 hours	
Full cure time at 75°F:	within 24 hours	
Shore D hardness:	88	ASTM D-2240
Tensile Strength:	9,208 psi	ASTM D-638
Tensile Modulus:	557,055 psi	ASTM D-638
Tensile Elongation at break:	2.3 %	ASTM D-638
Flexural Strength :	13,733 psi	ASTM D-790
Flexural Modulus:	422,518 psi	ASTM D-790
Compressive Strength:	14,840 psi	ASTM D-695
Compressive Modulus:	186,455 psi	ASTM D-695
24 hour water absorption:	0.21 %	
Shear -academy black granite	4,128 psi	ASTM D-905-89