

101 2:1

EPOXY INJECTION PASTE

GENERAL DESCRIPTION

Emecole Metro 101 2:1 PASTE is a two-component, 100% solid, epoxy resin system which has a unique high modulus of elasticity. It is formulated to meet ASTM C-881 cured property requirements. It exhibits thixotropic, non-flowing characteristics in the uncured state. Thusly, it can be injected into larger cracks (greater than 1/4 inch wide) in walls and slabs without flowing out of these cracks. Even though the Emecole Metro 101 2:1 Paste will not flow after injection, it is formulated without fillers so that it can be easily injected into a crack even with a manual dual component dispensing tool at under 50 psi of force (using a 1/2x24 static mixer).

USES

- A) Structural repair of cracked concrete by pressure injection, grouting.
- B) Monolithic restoration of delaminated concrete.
- C) Grouting material when mixed with aggregate.

PHYSICAL PROPERTIES AFTER CURE OF 14 DAYS @ 75°F

Tensile Strength, psi	ASTM D-638	8500
Tensile Elongation	ASTM D-638 modified	2-4
Compressive Strength, psi	ASTM D-695	12,000
Compressive Modulus, psi	ASTM D-695 (28 days)	500,000
Shear Strength, psi	ASTM D-732	5,100
Deflection temp: @ 264 psi	ASTM D-648	126°F
Bond Strength, psi	ASTM C-882	2,800

WARRANTY

Recommendations concerning the performance or use of this product are based upon independent test reports believed to be reliable. If the product is proven to be defective, at the option of the Manufacturer, it will be either replaced or the purchase price refunded. The Manufacturer will not be liable in excess of the purchase price. The user will be responsible for deciding if the product is suitable for his application and will assume all risk associated with the use of the product. This warranty is in lieu of any other warranty expressed or implied, including but not limited to an implied warranty of merchantability or an implied warranty of fitness for a particular use.