Emecole Metro LLC

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120

STRUCTURAL POLYURETHANE INJECTION FOAM

GENERAL DESCRIPTION

Emecole Metro 120 is a hydrophobic polyurethane designed to be used in conjunction with carbon fiber staples for the repair of large (3/16" or wider) structural foundation cracks.
When Emecole Metro 120 (parts A and B) is mixed, it reacts and forms a closed cell foam barrier within 45 seconds without further addition or presence of water. It adheres tenaciously to practically all substrates, wet or dry. Emecole Metro 120 may also be used to fill leaking voids between wall and ceilings, cold joints and pipe intrusions.

TEST TYPE	RESULTS	TEST METHOD
Density (Core)	Free Rise 12 Lbs	Astm D 1622
Low Temperature		Astm D 2126
Aging (20°F) (Shrinkage)	<0%	1 Day
(Shrinkage)	<0%	7 Days
Water Absorption	<1%	Astm D 2127
(Volume Confined)		
Shear Strength	75 Psi	Astm C 273
Tensile Strength	300 Psi	Astm D 1623
Elongation	5%	Astm D 1623
Viscosity	375 Cps	
% Solid	100	
Color	Amber	
Tdi Content	0%	
USDOT Shipping Data	Unregulated Class 55	

APPLICATIONS

Package: Emecole Metro 120 is furnished in various packages. Most typically are 22 ounce dual cartridges or in 5-gallon pails. The use of cartridges is suitable for low-pressure injection with manual tools, or up to 20 to 40 psi dispensing, utilizing pneumatic dispensing tools.

Quantity to use: It is difficult to determine the amount of material to adequately seal a given crack. Experience in home foundation cracks (8' long with a wall thickness of 8-10") suggest the usage of one tube set of Emecole Metro 120 per 8' crack (versus an average of 3 - 5 tube sets of epoxy).

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.