Tel: 815-372-2493
www.emecole.com

PRODUCT DATA / INSTRUCTIONS

Emecole Metro 901 Epoxy Surface Seal

GENERAL DESCRIPTION

Emecole Metro 901 is a slow curing, high modulus epoxy gel designed for the surface sealing of cracks prior to injection. Injection may begin in approximately 1 hour after application. Emecole Metro 901 can be used to anchor dowel and tie bars into concrete pavement and It can also be used for bonding miscellaneous materials to concrete (cure time varies with ambient temperature). Environmentally safe - No VOC solvents (EPA SW-846 5030, 8260B)

USES

A) Surface sealing
B) Setting parking bumpers

TECHNICAL DATA

PROPERTIES

Emecole Metro 901	Part A	Part B	Mixed
Solids by Volume	100%	100%	_____
Color	White	Black	Gray
Shelf Life	1 year	1 year	_____
Pot Life (3 oz)	_____	_____	10 - 15 minutes
Gel Time (5 mil)	_____	_____	aprox. 1 hour
Final Cure	_____	_____	1 - 3 days
Weight by Gallon	9.9 - 10.1 lbs	9.9 - 10.1 lbs	9.9 - 10.1 lbs
Mix Ratio (Vol)	_____	_____	1:1
Hardness (Shore)	_____	_____	D-80
Viscosity	_____	_____	Non sag gel

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Product Data (cont'd)

PRORERTIES (CURED)

Emecole Metro 901		Test Method
Tensile Strength	6000 PSI	ASTM D-638
Tensile Elongation	3 - 4%	ASTM D-638
Compressive Strength	13,500 PSI	ASTM D-695
Bond Strength	2400 PSI	ASTM C-321
Flexural Strength	8000 PSI	ASTM D-790
Deflection Temp	190° F	ASTM D-648

AREAS OF APPLICATION

As with any epoxy adhesive, surface preparation is critical. Concrete surfaces should be cleaned by sandblasting, water blasting or other mechanical means. All loose or unsound material must be removed. If patching, the outer perimeter of the spall should be saw cut or chipped to near vertical. Surfaces should be dry and dust free to insure a superior bond. Emecole Metro 901 Surface Seal will cure in the presence of moisture although application onto wet surfaces is not recommended.

MATERIAL GUIDELINES

- Application Temp: 60–80°F (Ideal: 70–75°F)
- Storage Temp: 50–90°F
- Concrete Temp: Must be > 50°F
- Material Prep: Condition to 60–80°F before use

CAUTIONS

- Do not freeze
- Keep away from heat sources and open flame

CLEAN UP

Use M.E.K. Xylene, or any other solvent. Clean equipment immediately after use.

SAFETY PRECAUTIONS

This product can cause skin irritation. Always wear protective clothing. Wash contaminated area with soap and water, never solvent. In case of eye contact, flush with water for 15 minutes; immediately see a physician.

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.

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