



## CONCRETE ADHESIVE – TECHNICAL BULLETIN #1014A REPAIRS CRACKS & IMPROVES ADHESION

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### PRODUCT DESCRIPTION

ITW Performance Polymers CONCRETE ADHESIVE is a specially formulated epoxy adhesive system designed for pressure injection repairs to concrete and adhesion of new concrete to old concrete.

### USE & BENEFITS

Use CONCRETE ADHESIVE to repair cracks in equipment foundations before grouting or to improve the bond between old concrete and new concrete.

### APPLICATION INSTRUCTIONS

CONCRETE ADHESIVE is supplied in pre-measured, one gallon units. Mixing is accomplished by pouring the Hardener component into the slack filled Resin can and mixing until homogeneous. The use of a slow speed power mixer with an ITW Performance Polymers' Jiffy mixer blade is recommended.

When using CONCRETE ADHESIVE between new and old concrete, pour new concrete within 3 hours of application of CONCRETE ADHESIVE while the adhesive is still wet to the touch.

### PHYSICAL PROPERTIES

FLEXURAL STRENGTH	4,600 psi (323 kg/cm <sup>2</sup> )	ASTM C-582
FLEXURAL MODULUS OF ELASTICITY	1.15 x 10 <sup>5</sup> psi (80870 kg/cm <sup>2</sup> )	ASTM C-582
ELONGATION	56%	
TENSILE STRENGTH	4,050 psi (285 kg/cm <sup>2</sup> )	ASTM D-640
HARDNESS - BARCOL	62 @ 72°F (22°C) - 24 hours 78 @ 72°F (22°C) - 48 hours	
SPECIFIC GRAVITY	1.07 gm/cm <sup>3</sup>	
VISCOSITY	0 to 1,500 cps @ 72°F (22°C)	

### PRODUCT INFORMATION

COVERAGE	230 in <sup>3</sup> (3769 cm <sup>3</sup> )
APPLICATION TEMPERATURE	Above 13°C (55°F)
CURE TIME (APPROXIMATE)	18 hours @ 72°F (22°C) 48 hours @ 72°F (22°C)
POT LIFE	40 minutes @ 72°F (22°C)
CLEAN UP	IMPAX IXT-59 Solvent or equal
UNIT PACKAGING	Resin (NH): 2.1 L (0.56 gal) in a 1 gal can Hardener (NH): 1.7 L (0.45 gal) in a ½ gal can
UNIT WEIGHT	Resin: 2.5 kg (5.6 lbs) Hardener: 1.6 kg (3.6 lbs)
SHIPPING WEIGHT	4.8 kg (10.5 lbs)
SHELF LIFE	1 year

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