

Description:	Copps' K-072 Crack Injection Epoxy is a uniq crack injection, gravity feed or patching. It ca other mineral filler to patch or resurface dama masonry, wood, and other rigid construction Glycidyl Ether (BGE)* free. K-072 meets or exceeds requirements of ASTM Class C).	n be used a aged concret n materials.	s a liquid bi te slabs. This K-072 is 10	nder for sand, aggregate or any s material may be used to repair 00% solids, VOC free and Butyl
Product	USER FRIENDLY MIX RATIO			
Advantages:	B.G.E. FREE			
	HIGH COMPRESSIVE STRENGTH			
	LOW VISCOSITY			
	 EXCELLENT ADHESION ASTM C 881 (AASHTO M-235) COMPLI 			
	ASTM C 881 (AASHTO M-235) COMPLI	ANT		
Application Guidelines:	K-072 Crack Injection Epoxy has a user friendly by dual cartridges or automatic injection equip Paste (K-093) for manual or automatic injection	oment. Cap S		
Handling	COMPONENTS	Resin, H	ardener	
Properties:	WEIGHT PER GALLON (MIXED)	9.1	aruener	
	DENSITY (MIXED) kg/l	1.09		
	MIX RATIO, pbv (pbw)	2/1	(2.4/1)	
	COLOR	Clear		
	MIXED VISCOSITY, cP or mPa.s WORKING TIME, min	1,500 30		ASTM D 2196
	GEL TIME, min	30 45		
	APPLICATION TEMPERATURE, °F (°C)			
	Ideal	70-80	(21-27)	
	Acceptable	55-90	(13-32)	
Physical	HARDNESS, Shore D	80		ASTM D 2240
Properties:	ADHESION to concrete, psi (MPa)	> 800	(5.5)	(100% failure in concrete)
	COMPRESSIVE STRENGTH, psi (MPa)	17,000	(117.2)	ASTM D 695
	TENSILE STRENGTH, psi (MPa) ELONGATION @ BREAK, %	8,000 2.0	(55.2)	ASTM D 638 ASTM D 638
	WATER ABSORPTION, %	0.11		ASTM D 658

*Butyl Glycidyl Ether. The EPA (SARA Title III, section 312) lists BGE as "Toxic" (per ANSI Z129.1) by skin absorption and an immediate health hazard.

Surface	
Preparation:	

To achieve excellent adhesion, the substrate should be free of all loose and foreign material and should be clean. Oils, grease, waxes or other contaminates <u>must</u> be removed prior to application. Be sure the crack is open where ports are placed. Set ports with Copps' Non-Corrosive Crack Sealing Paste K-093 or GP Adhesive K-008.

Mixing:

Mix 2 parts A (resin) to 1 part B (hardener) for 3 minutes using a Jiffy Mixer and a slow speed drill. Mix at slow speed (less than 500 rpm) to avoid air entrainment. DO NOT mix more material than can be used within the stated working time. REMEMBER - you will have less working time at higher temperatures.

K-072 Crack Injection Epoxy and Sealing Paste, before they are fully cured (hard), may be removed from tools with Copps Enviro Kleen solvent or warm soapy water.

SAFETY PRECAUTIONS

Avoid breathing of vapors. Forced local exhaust is recommended to effectively minimize exposure. NIOSH approved, organic vapor respirators and forced exhaust are recommended in confined areas, or when conditions (such as heated polymer, sanding) may cause high vapor concentrations. Do not weld on, burn or torch K-072 Crack Injection Epoxy or any epoxy material. Hazardous vapor is released when an epoxy is burned. Wash skin with soap and water if contact occurs. If eye contact occurs flush with water for 15 minutes and obtain medical attention. Read and understand all cautions on can labels and safety data sheets before using this material.

WARRANTY AND DISCLAIMER

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