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CRACK WELD - 100% SOLIDS, THREE UNIQUE VARIATIONS, MOISTURE INSENSITIVE

DESCRIPTION: CRACK WELD is a two component epoxy adhesive designed for injection into non-moving cracks in concrete. Formulations range from extremely low viscosity, to materials that may be injected into concrete that is underwater, to very flexible, rubber-like compounds. CRACK WELD GP - General Purpose, low viscosity, high strength. CRACK WELD LMF - Low modulus, very flexible. CRACK WELD XLV - Extra low viscosity, high strength.

USES: Injection of cracked concrete, and wet or underwater cracks in: Precast Members, Retaining Walls, Piers, Roads, Bridges, Beams & Columns, Pilings, etc.

ADVANTAGES: 100% solids, conforms to VOC regulations. Moisture insensitive. Various viscosities. Various hardness.

SURFACE PREPARATION: Crack should be free of dust residue. If the material is to be injected, install injection ports at appropriate intervals along the crack to allow for full depth penetration. Use DBA-5 or DBA-30 to install entry ports and to seal the surface of the cracked concrete. Injection can start once DBA-5 or DBA-30 is sufficiently cured.

MIXING AND APPLICATION: CRACK WELD can be injected into cracked concrete using a two component positive displacement injection machine or two component cartridge. CRACK WELD may also be hand mixed and poured into horizontal cracks.

LIMITATIONS: Do NOT apply when temperature is below 50°F. Do NOT apply to latex modified mortar or concrete. Do NOT allow the product to freeze.

CLEAN UP: Clean tools and equipment immediately with a suitable solvent such as xylene or lacquer thinner.

PACKAGING: 3 component cartridges, 3 gallon units, 15 gallon units

CAUTION: For professional use only. Epoxy systems can cause delayed dermatitis. Avoid prolonged contact with skin. See Material Safety Data Sheet for proper handling and required safety equipment.

Properties at 77° F			
	GP	**LMF**	**XLV**
Mix Ratio by Volume	2:1	1:1	2:1
Viscosity	240-300 cps	400-500 cps	150 cps
Pot Life	20-22 min	30-45 min	20-22 min
Color	Clear	Clear	Clear
Tensile Strength	9,500 psi	400 psi	5,500 psi
Elongation	3.0%	100%	4%
Shore Hardness	84-D	65-A	80-D