



CHEM-INJECT XLV[®]

MANUFACTURER

International Chem-Crete Corporation
800 Security Row
Richardson, TX 75081
(972) 671-6477
Fax (972) 238-0307
Plant (817) 447-0828
Fax (817) 447-2343

PRODUCT DESCRIPTION

Chem-Inject XLV[®] is a low viscosity, two component, 100% solids, high modulus, moisture insensitive structural adhesive. This product meets ASTM C-881.

FEATURES

- Extremely high strength
- Moisture insensitive
- No shrinkage
- Low viscosity
- Waterproof
- 100% solids
- Easy application

SURFACE PREPARATION

Surface of application 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 Chem-Anchor or Chem-Gel R to install entry ports and to seal the surface of the cracked concrete. Injection can start once Chem-Anchor or Chem-Gel R is sufficiently cured.

MIXING PROCEDURE

Chem-Inject XLV can be injected into cracked concrete using a two-component positive displacement injection machine or two compo-

TECHNICAL DATA

	<u>Part A</u>	<u>Part B</u>
Solids	100%	100%
Color	Clear	Clear
Wt./Gal.	9.4 lb.	8.1 lb.
Shelf Life	1 Year	1 Year

	<u>Properties</u>	<u>ASTM Method</u>
Mix Ratio	2:1 by volume (A:B)	N/A
Viscosity	150 cps	Brookfield
Pot Life (3 oz.) @ 77°F.	20 - 22 minutes	N/A
Hardness (Shore)	80-D	D-2240
Gel Time (5 mil) @ 77°F.	6 - 7 hours	N/A
Tensile Strength	10,000 psi	D-638
Flexural Strength	12,000 psi	D-790
Compressive Strength	12,000 psi	D-695
Bond Strength	600 psi (24 hrs.)	C-321
Bond Strength	5,220 psi	C-882
Elongation	4%	D-638
Water Absorption	0.15% (24 hours)	N/A

nent cartridge. Chem-Inject XLV may also be hand-mixed and poured into horizontal cracks. When preparing grout, mix in three parts of aggregate by volume. For flowable or self-leveling grout, mix in two parts of aggregate by volume. Mix only the amount of material that can be used within the pot life. **Please note: large batches of epoxy will cure much faster than small batches. Mixed epoxy will cure much faster in hot weather than in cold weather.**

APPLICATION

As an adhesive: mixed material may be applied by brush, roller or

spray. Fresh concrete should be placed within one hour after coating. As a grout: fill the cavity with mortar, tamp and strike off level with the surrounding surface. As an injection epoxy: mix and metering equipment is recommended. Please contact International Chem-Crete or your local representative for detailed instructions.

LIMITATIONS

Application at ambient temperature below 40°F. is not recommended. Exposure to temperatures exceeding 150°F. for prolonged periods is not recommended.

CLEAN-UP

Remove uncured Chem-Inject XLV from tools and equipment with a suitable solvent such as xylene or toluene immediately after use. Cured material may only be removed mechanically.

SHELF LIFE

1 year in original, unopened container.

STORAGE

Store in a dry area, between 40°F and 95°F. Protect from direct sunlight.

HEALTH PRECAUTIONS

Component A - IRRITANT - Prolonged skin or eye contact may cause sensitization and irritation.

Component B - IRRITANT Contact with skin or eyes may cause severe burns.

FIRST AID

Skin Contact: wash thoroughly with soap and water.

Eye Contact: flush immediately with clean water and contact a physician.

Respiratory Problems: remove affected person to fresh air immediately and contact a physician.

Hygiene: wash hands immediately after use. Wash clothing before reuse.

SPILLS

Collect with absorbent material. Material may be removed with a suitable solvent.

PACKAGING

Chem-Inject XLV is available in 3 and 15 gallon units in metal containers. Also in 16.5 oz. dual cartridges.

DISPOSAL

Dispose of in accordance with local, state and federal regulations.

WARNING

KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP OUT OF REACH OF CHILDREN. NOT FOR INTERNAL CONSUMPTION. FOR PROFESSIONAL USE ONLY BY A QUALIFIED TECHNICIAN. Consult the Material Safety Data Sheet for further health and safety information.

WARRANTY

LIMITED WARRANTY: "International Chem-Crete Corporation warrants that, at the time and place we make shipment, our material will be of good quality and will conform with our published specifications in force on the date of the acceptance of the order." Read complete Warranty, copy furnished upon request.

DISCLAIMER: The information contained herein is included for illustrative purposes only and, to the best of our knowledge, is accurate and reliable. International Chem-Crete Corporation cannot, however, under any circumstances make any obligation or liability in connection with the use of this information. As International Chem-Crete Corporation has no control over the use to

which others may put its products, it is recommended that the products be tested to determine if suitable for a specific application and/or our information is valid in a particular circumstance. Responsibility remains with the architect or engineer, contractor and owner for the design, application and proper installation of each product. Specifier and user shall determine suitability of products for specific application and assume all responsibilities in connection therewith.

TECHNICAL SERVICES

International Chem-Crete Technical Sales Personnel throughout the country are available as required. International Chem-Crete distributors have local salesmen trained by International Chem-Crete.

Chem-Inject XLV is manufactured by:

INTERNATIONAL CHEM-CRETE CORPORATION

800 Security Row

Richardson, TX 75081

(972) 671-6477 • Fax (972) 238-0307

Plant (817) 447-0828 • Fax (817) 447-2343