

TECHNICAL DATA SHEET

CONFIX LV

Low Viscosity Epoxy Bonding Agent for Old to New Concrete

PRODUCT DESCRIPTION:

CONFIX LV is designed to have a low-viscosity property. This consistency, pourable and self-leveling, makes it suitable for large areas of application of old to new concrete i.e., elevating floorings and patching damaged or degraded concrete structures. The user may add inert fillers or aggregates to meet the desired consistency and extend its coverage. Cured **CONFIX LV** exhibits durable, tough, shock or impact-resistant qualities. It is also water and chemical-resistant.

TYPICAL USES

- To anchor and grout a concrete or ceramic floor, tiles over wood, steel, or concrete surfaces.
- To seal concrete surfaces against water and salt intrusions.
- To repair spalled or scaled areas, broken slabs, and cracks in concrete structures.

INSTRUCTION FOR USE

SURFACE PREPARATION

The surface must be clean and free of dirt, paint, oil, grease, loose scale, and other surface contaminants. Concrete surfaces must be thoroughly cleaned by sandblasting, acid-etching, mechanical grinding, or mechanical grinding. If acid-etching is used, the surface must be thoroughly flushed with water and neutralized. The surface should be clean and ready for application before the adhesive is mixed.

APPLICATION

AS BONDING AGENT:

Mix equal parts by volume of Part A and Part B. Blend well until uniform color is obtained. Apply the mixture to the surface with a brush or roller. Since pot life is affected by temperatures, the rate of application will depend on the prevailing weather conditions during the application period.

AS FLOORING:

Mix equal parts by volume of Part A and Part B. Blend well until uniform color is obtained. Add inert fillers of aggregates into the mixture and blend well. The quantity of aggregates to be added will depend on the adhesive strength and workability desired. Spread the mixture with a spatula, knife, or trowel into areas to be applied. For skid-proofing, sprinkle or cast silica grit or

carborundum on the still tacky surface of the applied mixture. Allow the seeded floor to cure until firm, then sweep or vacuum excess grits. Remove projecting or loose aggregates by scraping the floor with the edge of the trowel.

CLEANING

Tools and equipment used during application should be cleaned while the epoxy is still soft. Use ketones, toluene, or kerosene as cleaning solvents. For soiled hands, wipe with cloth dampened with solvents mentioned, then, wash with soap and water.

TECHNICAL DATA

PHYSICAL PROPERTIES: UNCURED STATE

Color:	Part A	Beige
	Part B	Amber
Consistency	Soft-paste	
Solid Content	100%	
Pot Life @ 27°C	1½ - 2 ½ hours	
Curing Time	72 Hours	

PHYSICAL PROPERTIES: CURED STATE

Parameters	Results	Remarks
Tensile strength	2,000 ± 500 psi	ASTM 638
Compressive strength	10,500 ± 500 psi	ASTM D695
Hardness	70-90	Shore D
Shrinkage	negligible	
Tack Free Time	4-6 hours	
Water Absorption	0 %	

PACKAGING

CONFIX LV is available in a 7kg/gallon set and a 1.75kg/quart set.

STORAGE AND HANDLING

CONFIX LV has a shelf life of 36 months minimum if maintained in dry storage conditions in unopened containers.

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PRECAUTIONS

HEALTH AND SAFETY

Avoid prolonged or repeated skin contact. In case of skin contact, wash thoroughly with soap and water. If contact with eyes occurs, flush thoroughly with clean water and seek medical attention immediately.

CONFIX LV is flammable.

Refer to the latest Safety Data Sheet (SDS) for comprehensive safety information on the proper handling of this product.

WARRANTY AND DISCLAIMERS

The information provided in this technical data sheet is based on our best knowledge and testing methods. Any product use outside of specifications or improper storage or installation voids any warranty. Users are encouraged to conduct their own testing to assess product suitability. Always consult the product's safety data sheet (SDS) for safety guidelines and follow recommended precautions. We reserve the right to update this data sheet without notice, and users should ensure they have the latest information.