

DESCRIPTION

A low viscosity epoxy adhesive / mortar which is specially formulated as structural adhesive for bonding plastics, brick, timber, ceramic, metals, particle board and concrete. It will have particular good resistance to aging, weathering, and attack by petroleum, solvent, oil, grease and other chemicals.

USES

EPOFIX 712 LV is formulated to patch, fill and seals void/cracks of all concrete, timber, ceramic, metal or plastic surface, e.g. - Basement, RC gutter, toilet/bathroom, kitchen, planter box, water tank/reservoirs, fountains and roof.

BENEFITS

- Excellent Bonding Strength
- Easy to use
- Perfect adhesion to concrete, timber, ceramic, metal or even plastic.
- Good mechanical strength

COLOR

Transparent greyish & Amber

**Technical Data :**

Properties	Resin	Hardener
Form	Liquid (paste)	Liquid (paste)
Viscosity at 25°C	130 kcps	20 kcps
Specific Gravity	2.1 ± - 0.1 g/ml	1.1 ± - 0.10g/ml
Pot Life (for 1Kg mixture) @ 25°C	20 mins.	
Set Time	2 hours (can be adjusted)	
Compressive Strength	50 N/mm ²	
Tensile Strength	15 N/mm ²	
Slant Shear Strength	Break at concrete	
Packaging	10.5kg	

NOTE: Coverage figure given is theoretical. Due to wastage factors, the variety nature of the substrate, and the site application condition, etc., the practical coverage may be reduced.

The information given in this data sheet is to the best of our knowledge true and accurate; but as we have no control over where or how the product is applied, there are no warranties expressed or implied regarding the product's use or performance. Customers are advised to thoroughly test before adapting them to their own use. It is strongly recommended to trial on small area before large scale application.

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APPLICATION PROCEDURE

SURFACE PREPARATION

All surfaces to be bonded must be sound and free of oil greases, dirt and other foreign matters. Solvent or detergent cleaner should be used to remove soil from concrete and masonry surfaces prior to bonding. Unsound concrete must be chisel off for a perfect bond.

MIXING

Resin and hardener are mixed in a ratio of (2:1) kg. Do not mix more than can be used within the specified pot life.

APPLICATION

Using a flexible knife or small trowel, apply sufficient adhesive to ensure complete contact between the two surfaces being bonded. Then clamp or support the bond with sufficient pressure to ensure that surfaces and adhesive are in contact. For best results, use **UNIPRIME 134 RAPID** epoxy primer to improve adhesives.

METHOD OF APPLICATION

Apply with flexible knife or small trowel.

CLEAN -UP

All tools and equipment should be washed after use.

HEALTH & SAFETY

Do not take internally and avoid contact of uncured material with skin. It is advisable for workers to wear protective clothing during application. Clean hands and equipment promptly with soap and water.

FURTHER INFORMATION

With a wealth of technical and practical experience built up over many years in our pursuit of excellence especially in the protective, flooring and concrete technology, make **CEMKRETE** your partner today. Contact our hotline now.

UNCONTROLLED

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