

DESCRIPTION

EPOFIX 712 LW is a thixotropic 100% solid two component, high modulus, high strength adhesive for structural jointing and strengthening.

USES

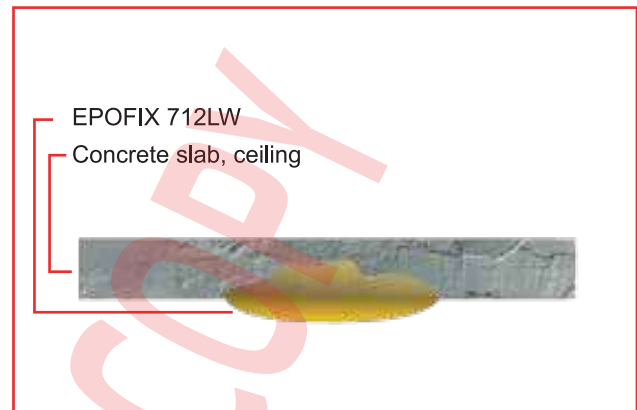
It is recommended to use as adhesive for structural bonding, jointing of pre-cast segmented bridge units, adhesive for external steel plate bonding and adhesive for composite strengthening. It is also recommended using on vertical surfaces.

BENEFITS

- 100% Solid, odorless
- Excellent cohesive bond to prepared surface
- Can be applied on vertical and horizontal surfaces
- Good adhesion to concrete, steel, timber, glass
- Rubber and carbon fiber
- High mechanical strength

COLOR

Grey



Technical Data:		
No. of Components		2
Mixing Ratio (A:B)		2 : 1 by weight
Viscosity		> 2000 kcps
Density		1.6 kg/litre
Estimated Coverage	2 mm	3.6 kg/m ²
	4 mm	7.1 kg/m ²
Compressive Strength		50 N/mm ²
Flexural Strength		25 N/mm ²
Tensile Strength		17 N/mm ²
Pot life		20 mins
Thinning		Not recommended
Slant Shear Strength		Break at Concrete
Packaging		5 kg

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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EPOFIX 712 LW

LOW WEIGHT STRUCTURAL EPOXY ADHESIVE

CEMKRETE[®]

ISO 9001 & 14000 CERTIFIED

APPLICATION PROCEDURE SURFACE PREPARATION

CONCRETE

Prepared concrete substrate should be sound and free from dust. Loose and all foreign contamination. All concrete should be chemically cleaned or mechanically cleaned or mechanically scarified for best results. New concrete should be cured 28 days and any surface laitance or curing compound must be removed. The substrate should have an inherent tensile strength greater than 1.0N/m².

STEEL

Steel surfaces should be free of dirt, grease, oil or rust. Blast surface using an angular medium such as aluminium oxide or grit to SSPC-SP10 standard with minimum profile of 2.5mils. When sand blasting is not possible, the surface should be degreased and mechanically abraded to reveal continuous bright metal.

MIXING

Stir each component separately before combining the materials, and then combine 2 parts (by weight) of Part A with 1 part (by weight) of Part B. Mix with a low speed drill (max 500rpm) thoroughly for 3 minutes, periodically scraping down sides and bottom of container until a uniform color is obtained. Avoid aeration while mixing.

APPLICATION

Using a stiff brush, small trowel or serrated spreader apply sufficient adhesive well into the substrate, especially is the substrate is damp, to ensure complete contact between the two surfaces being bonded. Bond any subsequent materials into **EPOFIX 712 LW** while it is still tacky. The clamp or support the bond with sufficient pressure to ensure that surfaces and adhesive are in contact.

METHOD OF APPLICATION

Apply with stiff brush, small trowel or serrated spreader.

CLEAN -UP

All tools and equipment should be washed immediately after and clean-up with epoxy solvent before **EPOFIX 712 LW** can only be removed mechanically.

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.

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