

CEMKRETE E-114 – MY

HIGH-PERFORMANCE SOLVENT-FREE THIXOTROPIC 2-COMPONENTS EPOXY ADHESIVE AND REPAIR MORTAR / PUTTY

DESCRIPTION

Cemkrete E-114 is a high-performance solvent-free, thixotropic 2-component epoxy adhesive and repair mortar/putty.

USES

Cemkrete E-114 has outstanding adhesion and high-strength material suitable for use as adhesive material or to repairs both vertical and horizontal surfaces and used as a bonding agent/adhesive between:

- concrete - concrete
- concrete - carbon fiber
- concrete - carbon plate
- concrete - asphalt
- concrete - metal

For fixing and grouting anchor and holding down bolts, e.g. for rail fixing on concrete bridges, tunnels, wash, repair and inspection pits, turntables, non-ballasted track and crane installations, pressure and wear resistant grouting of rail track sole plates and machine beds

BENEFITS

- Excellent adhesion various substrate such as metal, glass and wood
- Excellent toughness flexibility
- Good chemical resistance
- Good durability
- Easy to apply and maintain
- Very high abrasion and impact resistance thus suitable for objects exposed to heavy-duty object traffic
- Long pot life – prevent the curing before install the preferred material.

COLOR

Grey

**Technical Data:**

Viscosity Component A + B	Slightly thixotropic @ 25°C
Density	1.7 kg/L
Pot Life	20-30 minutes (depending on ambient temperature & humidity)
Compressive strength	50 N/mm ²
Tensile strength	15 N/mm ²
Flexural strength	20 N/mm ²
Bond strength	
To concrete	>1.5 N/mm ²
To steel	2.5 N/mm ²
Storage & Shelf Life	12 months in unopened container stored in dry conditions at 35°C
Packaging	1kg, 5kg and 10.5 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.

WEBSITE

www.cemkrete.com.my

TELEPHONE

+603-8062 4478

FAX

+603-8061 5877

EMAIL

enquiry@cemkrete.com.my



CEMKRETE E-114 – MY

HIGH-PERFORMANCE SOLVENT-FREE THIXOTROPIC 2-COMPONENTS EPOXY ADHESIVE AND REPAIR MORTAR / PUTTY

TECHNICAL SUPPORT

Cemkrete provides a technical advisory service for on-site assistance and advice on curing membrane selection, evaluation trials and dispensing equipment. Technical data and guidance can be provided for curing membrane and other products for use with fresh and hardened concrete.

Installation Application

- The surface should be dry.
- Clean the substrate by removing laitance, oil, grease and dust.
- Mix the resin with hardener at the ratio of 2:1 by weight. Stir it for 2-3 minutes with a low-speed mixer until homogeneous.
- Apply by trowel, scrapper or putty knife
- Apply the material preferably within 45 minutes after mixing

PRECAUTIONS

HEALTH AND SAFETY

Cemkrete E-114 can cause an allergic reaction after prolonged contact with sensitive skin. Therefore, avoid contact with skin and use protective ointment. Rubber gloves and protective clothing are recommended. After contact with skin wash immediately with plenty of water and soap. Do not use solvents. In case of contact with eyes rinse immediately with plenty of water and seek medical advice. Ensure good air circulation in the room.

Cleaning

The working equipment, tools etc., can be mechanically cleaned by using brushes in combination with Xylene. The cleaning should be done immediately after the completion of the work and within the pot life of the material to avoid sediments on the equipment's, tools etc.

ADDITIONAL INFORMATION

Cemkrete manufactures and supplies wide range of those complementary products which includes:

- Waterproofing membranes & waterstops
- Joint sealants & filler boards
- Cementitious & epoxy grouts
- Specialized flooring materials
- Fireproof coating and systems
- Concrete admixture
- Repairing material

For further information on any of the above, please consult your local Cemkrete office - as below.

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.

WEBSITE

www.cemkrete.com.my

TELEPHONE

+603-8062 4478

FAX

+603-8061 5877

EMAIL

enquiry@cemkrete.com.my

