



# CEMPOXY MORTAR PASTE

## HIGH PERFORMANCE NON-SHRINK EPOXY MORTAR PASTE.



**5kg (3.1L)**

### APPLICATION:

For jointing and as a general adhesive, apply a thin layer of Cemix® Cempoxy Mortar Paste to both surfaces and then press together. Support joint as required and do not disturb within 8 hours or until such time that the epoxy has gained sufficient strength. When using as a filling compound, apply a thin layer of Cemix® Cempoxy Mortar Paste to the surface of the area to be filled. Build up in layers as required. For patching or leveling, apply with a spatula or a trowel. To obtain a smooth surface keep the face of the trowel wet when finishing.

### DESCRIPTION:

Cemix® Cempoxy Mortar Paste is a two part thixotropic epoxy mortar/paste. It is gunable and trowelable. It has excellent adhesion to most materials including concrete, metals, brick, ceramic, and glass etc. Cemix® Cempoxy Mortar Paste is non-shrink and has excellent chemical resistance.

### TYPICAL APPLICATION/USES:

Cemix® Cempoxy Mortar Paste may be used for:

- Bedding and joining of precast concrete units.
- Grouting of horizontal starter bars and bolts.
- Repair of spalling concrete and protection of reinforcing.
- Fabrication of concrete pipe intersections.
- Tiling adhesive.
- Bonding of aggregates to concrete and other surfaces for decorative finishes.
- As a general epoxy adhesive.

### ADVANTAGES:

- Versatile and durable.
- High compressive strength.
- High bond strength.
- Non-shrink.
- Good chemical resistance.
- Gunable and trowelable.

### SUBSTRATE PREPARATION:

Thoroughly clean the joining surfaces of all extraneous matter, especially oil and grease. Laitance should be removed from concrete surfaces mechanically or by acid etching. For best results, steel surfaces should be prepared by sand blasting or grinding. Remove all old surface coating, including paint, etc. from bonding surfaces.

### MOVEMENT & CONTROL JOINTS:

Honour any control joints in the concrete substrate – do not apply product over control joints. Create control joints in the mortar as required especially in long thin sections.

### MIXING:

Mix product as per the whole units supplied or in a ratio of 2 : 1 if units need to be broken down. Ensure this amount can be used within its pot life. Mix thoroughly for a minimum of three minutes using a low speed drill (600rpm) and a mixing paddle. Keep the paddle below the surface material to avoid entrapment of air. Proper mixing may take 3 - 5 minutes. Thorough mixing of both components is important to obtain optimum results. Carefully scrape the sides and bottom to ensure thorough mixing. Mix until a uniform grey colour is achieved.

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## TECHNICAL DATA:

<b>APPEARANCE:</b>	Grey
<b>STRENGTH:</b>	35 - 40 MPa @ 1 day; 55 - 65 MPa @ 7 days.
<b>APPLICATION TEMP:</b>	10 - 35°C
<b>MIX RATIO:</b>	2 : 1 By weight
<b>POT LIFE:</b>	60 mins @ 20°C
<b>SPECIFIC GRAVITY:</b>	1.8
<b>VISCOSITY:</b>	Thixotropic paste. Non-slump up to 15 – 20mm on vertical surface.

*The data shown above reflects typical results based on laboratory testing under controlled conditions. Reasonable variations may occur on site.*

## PACKAGING:

Cemix® Cempxoy Mortar Paste comes in 5kg (3.1L).

## STORAGE & SHELF LIFE:

Cemix® Cempxoy Mortar Paste can be stored for up to one (1) year in original unopened containers. Do not store opened containers.

## CLEANING:

Clean all tools & equipment before product hardens with Cemix® Cleaning and Thinning Solvent. Clean hands & skin with soap & warm water.

## LIMITATIONS:

- Protect mortar from extreme temperatures, rain & water after application.
- Do not allow mortar to drop below 10°C until it has reached its minimum compressive strength.
- Mix whole packs at a time; do not mix part packs.
- Avoid entrapping air during mixing.
- Larger volumes will generate heat & reduce pot life.

## PRECAUTION:

Do not apply product on to surfaces less than 10°C or more than 35°C.  
Do not use product in temperatures less than 10°C or more than 35°C.

## SAFETY:

Avoid contact with eyes & skin, from wet mix. Wear suitable protective clothing, gloves, eye protection & barrier cream. Wash thoroughly after handling & store any leftover material properly. Avoid inhalation while mixing and prior to set.

## FIRST AID:

Irrigate eyes & skin with plenty of water & seek medical advice immediately.

## SPILLS AND LEAKS:

Keep out of sewers & storm water drains & dispose of any leftover material as trade waste in accordance with local authority guidelines.

## DISCLAIMER:

Please Note: Recommendations and advice regarding the use of this product are to be taken as a guide only. Other than as appears on this products packaging, Cemix® LTD. does not give any warranty express or implied as to the suitability of this product for your particular use, because the usage of this product is beyond the control of Cemix® LTD. If you need advice concerning the use of suitability of this product for your particular application, please contact Cemix® LTD first. If this product is defective because of Cemix® LTD's fault, please contact the supplier or Cemix® LTD. who will replace it at no cost.

