

# Comtech Paste EP2

Thixotropic general purpose epoxy patching repair paste.

## Description:

**Comtech Paste EP2** is a three component epoxy based repair paste and adhesive. **Comtech Paste EP2** can be used for patching repairs, concrete surface preparations and bonding new fresh to old concrete. It is thixotropic adhesive and non-sag concrete repair paste.

- Easy application – No primer necessary
- High abrasion, impact and chemical resistance.
- Can be used as contact surface in aggressive environments
- Cures hard at low temperatures – Wide application range.

## uses:

- Surface preparation prior to epoxy coatings.
- Bonding agent to be coated on old concrete prior the casting of new fresh concrete.
- Bedding of bridge beams or steel bridge bearings.
- Repairing surface defects in concrete in horizontal, vertical and overhead applications.
- Rapid structural repair of concrete.

## Advantages:

- Adheres to concrete surfaces
- Allows rapid repair of concrete
- Solvent free – Low VOC and non-shrink.
- Pre-proportioned packaging – No

## Typical properties:

Color	Off white
Density	1750 Kg/m <sup>3</sup>
Compressive Strength (BS 6319 part 2) @ 25°C	40 MPa @ 1 day 70 MPa @ 7 days
Flexural strength (ASTM C 580 part 7) @ 25°C	20 MPa @ 7 days
Tensile Strength (BS 6319)	10 Mpa @ 7 days

Pot Life @ 30 °C	40 minutes
Coating time @ 30 °C	6Hrs
Service temperature	0 to 85 °C

### **Chemical Resistant:**

Resists most common organic and inorganic acids in diluted form, also resistant to alkalis, water, oils, grease, etc.

Chemical resistance depends on the chemicals involved, their concentration, temperature and degree of exposure.

### **Method of use:**

#### **Surface preparation:**

Remove all grease, oil, dust, residual curing compound, mould release agent or other contaminant that could impair adhesion. Laitance should preferably be removed by light sweep blasting or hydro-jetting.

Mechanical wire brushing may be appropriate for small areas.

Spalled concrete should be cut back to sound concrete and made good.

Conventional concrete curing compounds should be removed before application.

### **Mixing:**

Thoroughly stir Part A, add Part B and blend thoroughly using a slow speed mixer fitted with a suitable paddle. Then add and mix part C till you have homogenous mixture.

### **Application:**

The **Comtech Paste EP2** may be placed using a trowel or spatula and applied evenly across the whole surface. Subsequent coats should be placed within 30-45 minutes and the **Comtech Paste EP2** should still be tacky.

### **Yield:**

A 14.65 kg kit of **Comtech Paste EP20** will yield 8.25Ltr of epoxy paste.

### **Health and safety:**

**Comtech Paste EP2** does not classified in the hazardous materials; however it should not be allowed to come into prolonged contact with skin and eyes.

The normal safety precautions (hand gloves & safety goggles) are recommended for handling.

The first aid if some harm happened with eyes in to wash with water.

WARRANTY STATEMENT: The information given here is based on our knowledge, and we believe it to be true and accurate.

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Users should always refer to the most recent issue of the technical data sheet for the product concerned copies of which will be supplied on request.

