

# Comtech Grout EP30

High strength free flowing grout based on epoxy resin.

## Description:

**Comtech Grout EP30** is a three component epoxy based grout used for grouting of machine based plates and pile head encapsulating.

Comtech Grout EP30 forms a high strength and watertight system by preventing any seepage from cracks.

## Primary uses:

- Bridge bearing pads.
- Pile head encapsulating to ensure water tightness.
- Machinery base plate grouting.
- Milling machines.

## Advantages:

- Compatible with bitumen based waterproofing membranes and primers.
- High compressive strength.
- Rapid strength development and high ultimate strength.
- Excellent bond to concrete substrates without primer.
- Impermeable.

## Typical properties:

Color	Dark Biege
Density	1900kg/m <sup>3</sup>
Compressive strength (ASTM C579)	60 Mpa @ 1 day 80 Mpa @ 3 days 90 Mpa @ 7 days
Flexural Strength (ASTM C 580)	20 Mpa @ 7 Days
Tensile Strength (BS 6319)	10 Mpa @ 7 days
Pot Life	40 minutes
Application temperature	5-40 °C
Service temperature	5-80 °C

## Yield:

One 40kg set of **Comtech Grout EP30** will yield 22Ltr after mixing.

## **Method of use:**

### **Surface preparation:**

The surface to be filed or grouted should be sound clean and uncontaminated.

The form work should be rigid and tight to prevent loss of grout and have properly closed faces. Any gaps or openings below the formwork should be sealed with a surface sealant.

### **Mixing:**

**Comtech Grout EP30** should be mixed mechanically.

Mix Part A and Part B separately for a minute using a slow speed drill with mixing paddle.

Then mix Part A and Part B thoroughly for 1-2 minutes, add Part C aggregate slowly into the mix and continue mixing for 3 minutes till a uniform and homogenous consistency is achieved.

### **Placing:**

The mixed material should be placed within 40 minutes. It can be poured into the grouted area to fill the cavity at the required level.

Spread the poured grout evenly with a steel trowel.

No vibration is required.

## **Packaging and storage:**

**Comtech Grout EP30** is supplied in 40 Kg set, All Comtech products should be stored in a dry shaded area, protected from breakage, deterioration and contamination.

## **Health and safety:**

**Comtech Grout EP30** 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.

We assume no responsibility for the use of these information, recommendations or suggestions.

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.

