

# Comtech Crystal EP40

Two component glitter colored epoxy tile grout.

## Description:

**Comtech Crystal EP40** is a two component decorative epoxy resin based tile grout.

The components are mixed together to give a smooth non-slump glitter colored grout that suits all types of tiles.

**Comtech Grout EP40** consists of a blend of specially selected resins, curing agents, special glitter pigments.

## Uses & Advantages:

- Easy to apply
- Attractive appearance with wide range of colors as per colors table.
- Easy to clean up during application - can be washed off with water.
- Long working life
- Waterproof
- High resistance to a wide range of industrial chemicals
- Good adhesion to types of tile
- Good to use in wet area, fountains, swimming pool, kitchen, bathroom and Sauna

## Typical properties:

Color	As per the table
Density	1750 Kg/m <sup>3</sup>
Compressive Strength (BS 1881, Pt 116) @ 25°C	40 MPa @ 1 day 85 MPa @ 7 days
Flexural strength (ASTM C 580 part 7) @ 25°C	33 MPa @ 7 days
Tensile Strength (BS 6319)	16 Mpa @ 7 days
Pot Life @ 30 °C	40 minutes
Initial cure @ 30 °C	12 Hours
Service temperature	0 to 85 °C

## **Packing & Yield:**

A 7kg set of **Comtech Crystal EP40** will cover an average of 14 to 20m<sup>2</sup> depend on tile size.

## **Method of use:**

### **Surface preparation:**

Remove all grease, oil, dust, residual or other contaminant that could impair adhesion. Laitance should preferably be removed.

### **Mixing:**

Thoroughly stir Part A, add Part B and blend thoroughly using a slow speed mixer fitted with a suitable paddle till homogenous color is achieved.

### **Application:**

Apply **Comtech Crystal EP40** to the spaces between tiles during working time the mixture using scraper or spatula directly into the joints and around the edges.

Remove surplus material from the face of the tiles with a dry cloth, it may be necessary to use small quantities of solvent to assist in the cleaning process.

## **Health and safety:**

**Comtech Crystal EP40** 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 is 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.





