

# Comtech Top EP10

High performance solvent free epoxy floor top coat.

## Description:

**Comtech Top EP10** is a heavy duty solvent free epoxy coating which is a self-smoothing and easy to apply.

**Comtech Top EP10** it has excellent chemical, abrasion and impact resistance.

A slip resistant texture can be provided by the use anti slip grains which have been carefully chosen to ensure an even texture.

## Uses:

- Car parks and workshops
- Dairies
- Soft drinks production facilities
- Chemical manufacturing plants

## Advantages:

- Available in a wide range of colors to improve the working environment and identify slip hazard areas.
- Proven against a wide range of industrial chemicals.
- Solvent free - no odor during application.
- Slip resistant.
- Durable, low maintenance costs.
- Liquid applied providing complete protection.
- Specially formulated for use in hot & tropical & cold conditions.
- Hygienic, anti-bacterial.

## Typical properties:

Color	White, Black, Light & Dark Grey, Red, Yellow, Brown, Biege, Orange.
Density	1.3
Pot Life	40 min @ 30 °C
Tack free	60 – 90 minutes
Maximum time between coats	36 Hours
Traffic use	72 hours
Application temperature	5-40 °C
Service temperature	5-80 °C
Compressive strength	70 N/mm <sup>2</sup>
Coverage	6m <sup>2</sup> /Ltr/coat 2 Coats are recommended

## Packaging and storage:

**Comtech Top EP10** is supplied in 16 Ltr set, All Comtech products should be stored in a dry shaded area, protected from breakage, deterioration and contamination.

## **Method of use:**

### **Surface preparation:**

**Comtech Top EP10** should not be applied to concrete which contains more than 5% moisture. The removal of laitance and contaminants is best achieved by mechanical means.

The surface to be sound clean and uncontaminated.

### **Mixing:**

**Comtech Top EP10** should be mixed mechanically.

Mix Part A with Part B for a 30 seconds using a slow speed drill with mixing paddle.

Then mix add part C and continue mixing for 150 seconds till a uniform and homogenous consistency is achieved.

### **Application:**

In general **Comtech Top EP10** doesn't require a primer coat, but if the substrate is very porous you can make a primer coat of Comtech Prime EP20.

Allow the primer coat of Comtech Prime EP20 to dry before proceeding with the topcoat.

Apply the first coat by squeegee or short-haired roller at average thickness of 150-200 micron.

Take care to respect over-coating time then apply the second coat at the same thickness within 5-36 Hours.

If a slip resistant texture is required, the first coat shall be applied as per the

standard application, but at a minimum film thickness of 250 microns.

The base coat should then be dressed with the anti slip grain at the rate of 0.25 to 0.8Kg/m<sup>2</sup>. This should be done as soon as possible after laying the first coat.

When the base coat has reached initial cure, the excess aggregate should be vacuum cleaned from the surface, then to apply the second coat at thickness of 250 micron.

## **Health and safety:**

**Comtech Top EP10** 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.

