

# Cipicrete

## EPU patching compound

### Description

Cipicrete is a quick setting, concrete repair and levelling mortar consisting of EPU based resin and hardener and can be used for immediate repairs for worn out industrial floor patches. Cipicrete is fast setting and forms an instant piece of floor on the worn out areas. It has higher compressive strength than the concrete and adheres well to the old or new floors. All the ingredients such as resin, hardener and graded aggregates are factory pre mixed for accurate results. Once applied, it can be walked on or trollies can be moved on within hours, thus saving valuable process hours. Cipicrete is recommended for repairs of low depth patches (< 5mm), where as Floorkrete is used for repair and levelling of higher depth areas of more than 10-15 mm.

### Uses

Cipicrete is recommended as a useful kit for maintenance managers for whom time is a prime factor. Cipicrete is used for patching up of smaller potholes and worn-out concrete floor areas.

### Key features

- Fast setting
- No water curing
- Return to service within hours
- Higher compressive strength than concrete
- Thermally stable
- Water resistant

### Properties

Type	: Epoxy - urethane
Density ASTM D 1475	: 1.90± 0.03 gm / cc
Pot life @ 27°C ASTM D 2471	: ≥ 20 min
Recommended thinner Clean up	: PUT 502
Shelf life	: 12 months in the un-opened container

**Precautions:** Avoid direct contact with hardener. Please refer to our safety data sheet.

### Performance data

Compressive strength IS 9162	: ≥ 80 MPa
Flexural strength ASTM D 790	: ≥ 20 MPa
Shrinkage during curing	: < 0.2%

### Directions to use

The areas to be covered or filled in should be absolutely dry, clean and devoid of dust, oil, loose floor particles, old paint, tar etc. Prime the surface and cure primer. Unpack resin and hardener into a mixing bowl, agitate the mixture at a slow speed for 1 minute, add the aggregates slowly into the mix and agitate for another 3-4 minutes. Cipicrete compound is then levelled by a trowel. The mixture must be used within 10 minutes.

### Packaging

Cipicrete is available in pre-weighed kits and has a maximum shelf life of 12 months in the un-opened containers.

### Storage and handling

The product should be stored in accordance with national regulations. It should be kept in a cool, well ventilated area, away from heat, direct sunlight, sparks and children. Handle with care. Mix resin and hardener as per the ratio. Use the mix solution within the pot life time.

### Health and safety precautions

Please refer to MSDS. Observe reasonable care and employ ordinary hygienic principles such as washing the hands with soap and water before eating or smoking. It is recommended to wear gloves, goggles and nose masks while application. In case of splashes on the skin, dampen the cloth with thinner PUT 503 and wipe the hands with the cloth. Wash then with soap and water. Dried film is non toxic.

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Incase of contact with eyes, rinse with plenty of water and seek medical advice. Incase of continuous exposure to vapours, the applicator should be immediately moved to get fresh air.

The disposal of excess or waste material should be carried out in accordance with the local legislations.

### **Disclaimer**

All information contained in this data sheet is given to the best of our knowledge but no warranty is made with respect thereto. This data sheet becomes invalid as soon as a new edition has been published. Please contact us for latest edition. Description and advice regarding Cipy's products are based on long term field and laboratory tests carried out by us. No condition of warranty is given covering the results from the use of materials in the circumstances of any particular application, because the storage, handling and application of the materials are beyond our control.

Ref.: CPPL/06-21/0088/R-1



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