



# MC-DUR EP

## Solvent containing epoxy-universal primer for MC-DUR epoxy systems

### Product Properties

- Solvent containing epoxy
- Deep penetrating properties
- Provides better adhesion to the substrates
- Dust binder

### Areas of Application

- Suitable for sealing of concrete roadway in bridges
- Under laying asphalt covering
- Under layment base for floating screeds

### Application Notes

#### General

**MC-DUR EP** is an unpigmented two-component solvent containing epoxy based universal primer for **MC-DUR Epoxy Systems** with deep penetrating properties. Normally one coat is sufficient but for highly absorbent surfaces two coats are recommended.

**MC-DUR EP** is extremely suitable for sealing of concrete roadways in bridges, under laying asphalt coverings and under laying bases for floating screeds.

#### Advantages

**MC-DUR EP** adheres itself firmly on dry as well as slightly moist (not wet) cement based substrates. Apart from providing better adhesion to the substrates, **MC-DUR EP** also acts as a dust binder.

#### Instructions for Use

Substrate must be clean and free from all dirt, oil and other contaminants. Old coatings, oil stains, cement laitance etc. must be completely removed. Pores and surface irregularities should be repaired prior to application.

**MC-DUR EP** consists of base and hardener components. Before application, the base component is thoroughly mixed and then the hardener is added. The two components are then carefully mixed together by means of slowly rotating electrical drill with paddle until a homogenous resin is obtained. To complete the mixing the mixture is poured from one can to another and mixed again to ensure homogeneity. To ensure the correct mixing ratio and for ecological reason packs should be emptied thoroughly. In case of small quantities mixing can be resorted to.

The mixing ratio generally kept for resin: hardener is 87:13 pbw. The substrate to be primed with **MC-DUR EP** must be over coated within 24 hours.

Higher temperatures considerably shorten the pot life. Pack should not be left in direct sunlight. Keep tins closed when not in use to prevent unnecessary evaporation. On return to work the material should be thoroughly re-mixed. Material should not be applied at temperature less than +5°C.

**MC-DUR EP** can be applied using rollers or floats.



## Further Instructions / Precautions

Application Example



Application Example



## Technical Data For MC-DUR EP

Characteristic	Unit	Value	Comments
Minimum application temperature	°C	+5°C	
Mixing ratio	Parts by weight	87: 13	Resin: Hardener
Consumption	G / m <sup>2</sup> /per coat	75 - 100	Approximately

## Product Characteristics for MC-DUR EP

<b>Type of Product</b>	Solvent Containing Epoxy Primer
<b>Form</b>	Resin and Hardener
<b>Colour</b>	Translucent
<b>Shelf Life</b>	6 Months from date of Manufacture
<b>Delivery</b>	4.5 kg (4.5L)
<b>Storage</b>	In Unopened Packaging. Protect from Rain, Direct Sunlight, Heat and Frost
<b>Disposal</b>	Empty packs completely and dispose off carefully to protect our Environment

**Note:** The information on this data sheet is based on our experiences and correct to the best of our knowledge. It is, however, not binding. It has to be adjusted to the individual structure, application purpose and especially to local conditions. Our data refers to the accepted engineering rules, which have to be observed during application. This provided we are liable for the correctness of this data within the scope of our terms and conditions of sale-delivery-and-service. Recommendations of our employees, which may differ from the data contained in our information sheets, are only binding if given in written form. The accepted engineering rules must be observed at all times. E. & O.E.

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