

# METZ EPOXY PRIMER



## DESCRIPTION:

Metz Epoxy Primer is a two-component, solvent-free epoxy primer specifically designed for use in Metz epoxy and polyurethane flooring and lining systems.

## FEATURES AND BENEFITS:

- Excellent Adhesion  
Good bond to both wet and dry substrates. Can be applied to green concrete.
- Solventless  
100% solids system.
- Cures under adverse conditions  
Cures at temperatures down to 5°C and high relative humidity. Moisture tolerant during cure.
- Long pot life
- Withstands temperatures to at least 100°C
- Quality Accreditation  
The management system governing the development and manufacture of this product is proudly ISO9001:2008 certified.

## RECOMMENDED:

As a primer for the following products:

- Metz 33 series and Metz 33EN series, Metz 94-SL and Metz 92 toppings
- Metz 20M, Metz 22, Metz 95M and Metz 96 membranes
- Metz 4HB-EN and Metz 5EN coatings
- Metz 20B and Metz 20E movement joints, when joint surfaces are not dry, or for immersion conditions
- As a highbuild base coating which may incorporate non slip aggregate prior to overcoating with Metz 4HB, Metz 4HB-EN or Metz 5EN.

## PHYSICAL PROPERTIES: (Typical Values)

|                                    |                            |
|------------------------------------|----------------------------|
| Density g/cm <sup>3</sup> :        | 1.08                       |
| Adhesion to concrete (ASTM D7234): | >1.5MPa (Concrete failure) |
| Max. Service Temp.:                | 100°C                      |

## COVERAGE: Theoretical quantities (allow for wastage)

0.21 - 0.3 kgs per sq. metre at 0.2mm thickness depending on absorbency of surface.

0.3 - 0.4 kg per sq. metre when incorporating Metz Fabric Reinforcement.



Acid Proofing • Industrial Flooring • Specialty Ceramic Tiling

# METZ EPOXY PRIMER



## INSTRUCTIONS FOR USE

### 1. Temperature of Working Area

For optimum results, maintain a temperature of 5°C to 30°C on air and substrate and components during application and curing. At temperatures below 5°C, the application becomes more difficult and curing is retarded. At temperatures above 30°C, the working time decreases.

### 2. Surface Preparation

Refer the Data Sheet for the appropriate coating or topping's preparation requirements. All surfaces must be clean and free from oil, grease, water and other contaminants which may inhibit bond. Remove all standing water.

### 3. Mixing

#### a) Mixing Equipment

Mechanical mixing is recommended. A low speed drill with appropriate mixing paddle is suitable. Small quantities can be mixed by hand, using a trowel or spatula.

#### b) Mixing Proportions

|          | By Weight | By Volume |
|----------|-----------|-----------|
| Liquid   | 1.85      | 1.6       |
| Hardener | 1         | 1         |

Note: the liquid to hardener ratio must not be altered under any circumstances

#### c) Mixing Procedure

Mix liquid and hardener together thoroughly for 1-2 minutes. Ensure complete mixing. Material which has begun to set must be discarded. Do not add any solvent, additive or adulterant to any component or to the mixed material.

#### d) Pot Life at 20°C

|         |            |
|---------|------------|
| at 20°C | 70 minutes |
| at 30°C | 40 minutes |
| at 40°C | 30 minutes |

Note: Increase in temperature will decrease pot life, as will leaving mixed material in a large mass. Spread out material in a thin layer as soon as possible after mixing.

#### e) Clean Up

Mixing equipment, tools, etc., can be cleaned with Metz Cleaner, xylene, acetone or MEK prior to initial set of cement.

### 4. Installation

Apply to concrete using short nap roller or nylon bristle brush. Refer to the appropriate coating or toppings Data Sheet for recommended primer thickness and time to allow before over coating or topping.

When using Metz fabric reinforcement the fabric is to be rolled into the wet primer and flattened out to ensure that no voids exist in the coating. Overlap all edges of fabric by minimum of 50mm.

Note: Metz Epoxy Primer may be used with fillers such as Metz P6 powder if airholes etc require filling prior to application of primer coating. In this case add powder to suit and use as a scratch coat, scraping off excess whilst leaving holes filled flush.

### 5. Setting/Curing:

|         | Pot Life | Setting Time  |
|---------|----------|---------------|
| at 20°C | 70 min   | 10 - 12 hours |
| at 30°C | 40 min   | 5 - 6 hours   |
| at 40°C | 30 min   | 2 - 3 hours   |

### 6. Storage

Store in original sealed containers in cool dry place between 10°C to 30°C. Under these conditions minimum shelf life is 12 months.

### 7. Safety Precautions

Liquid and Hardener

Use chemical goggles, PVC gloves and barrier cream.

Avoid contact with skin and eyes.

For full safety precautions refer to Material Safety Data Sheets for both components.

**Always ensure you have the latest data sheet version, refer [www.metz.net.au](http://www.metz.net.au)**

- The customer must comply strictly with the instructions contained in this product data sheet. Metz is not responsible for any advice or variations to this data sheet which are not confirmed in writing.
- If the customer has a claim against Metz in respect of any product supplied to the customer by Metz whether due to a fault in the product or the negligence or breach of contract by Metz or for any other reason:
  - Metz shall not be liable for any loss of damage including consequential loss or damage or loss of profits arising thereby;
  - Metz may at its option replace the defective product free of charge to the customer or refund all payments made to it by the buyer in respect of the defective product; and the maximum liability of Metz shall be the cost of replacing the defective product.

REV 03/18

## METZ SPECIALTY MATERIALS PTY LTD

A.C.N. 140 636 639

15A Stanton Road, Seven Hills, NSW 2147  
Facsimile: (02) 9671 4292 Phone: (02) 9671 1311

6 University Place, Clayton North, VIC 3168  
Facsimile: (03) 9561 6944 Phone: (03) 9561 6144

Unit 16, 42 Smith Street, Capalaba QLD 4157  
Facsimile: (07) 3823 5552 Phone: (07) 3823 5555

## Distributor