



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 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

RECOMMENDED:

As a primer for the following products:

- Metz 33-TG, 33EN-TG, 33-SL, 33-VG, 33EN-SL, 44-SL and 4HB-EN epoxy systems.
- Metz 20M, 22, 92 and 95M Polyurethanes.
- Metz 20B and 20P movement joint, when joint surfaces are not dry.
- As a highbuild base coating which may incorporate non slip aggregate prior to overcoating with Metz 4HB, Metz 4HB-EN or Metz 97.

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.

APPLICATION TEMPERATURE:

For optimum results, maintain a temperature of 5°C to 30°C on air and substrate and components during mixing, application and curing.



Acid Proofing & Industrial Flooring • Specialty Ceramic Tiles





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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.

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:

Initial set at 20°C: 10 - 12 hours

6. 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 all components.

1. 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.
2. 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:
 - a) Metz shall not be liable for any loss or damage including consequential loss or damage or loss of profits arising thereby;
 - b) 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.

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