

METZ 33 SEALER

EPOXY SEALING COAT



DESCRIPTION:

Metz 33 Sealer is a 100% solids epoxy which is used as a sealing coat for Metz 33-TG, 33-VG and 33-SL systems.

FEATURES AND BENEFITS:

- **Chemical Resistance**
Resistant to a wide range of acids, alkalis, solvents, oils and fats. Refer Metz Chemical Resistance Chart.
- **Excellent Adhesion**
- **Solventless**
100% solids formulation.
- **Cures under Adverse Conditions**
Cures at temperatures down to 5°C and high relative humidity.

RECOMMENDED:

As a top coat for Metz 33 Series products used to protect concrete against chemical and mechanical attack in:

- Dairies and Milk Products processing
- Food Processing plants
- Breweries and Soft Drink plants
- Meat and Poultry plants
- Confectionary plants
- Chemical plants

NOT RECOMMENDED:

- For areas subject to significant spillages of strong solvents or concentrated organic or oxidising acids.
Refer Metz 93PU-TG or Metz 33EN Series.

COVERAGE:

Theoretical quantity (allow for wastage):

For average 100 micron top coat (33-TG, 33-VG) - 0.11 kgs/sq. metre

For average 400 micron top coat (33-SL Broadcast) - 0.42kg/sq. metre

APPLICATION TEMPERATURE:

For optimum results, maintain a temperature of 10°-30°C on air and substrate and components during mixing, application and curing.



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INSTRUCTIONS FOR USE

1. Temperature of Working Area

For optimum results, maintain a temperature of 5-30°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.

Application in direct sunlight and rising surface temperatures may result in blistering of the coating due to expansion of entrapped air or moisture in the substrate.

2. Surface Preparation

Ensure all surfaces to be coated are clean and dry.

3. Mixing

(i) *Mixing Equipment*

Mechanical mixing is recommended.

Smaller quantities can be mixed using a heavy duty, slow speed drill with a suitable paddle. Consult Metz for details.

(ii) *Mixing Proportions*

	By Weight	By Volume
Liquid L1	2	1.88
33 Hardener	1	1

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

(iii) *Mixing Procedure*

Re-mix liquids prior to use.

Mix liquid and hardener together thoroughly for 1-2 minutes.

Do not add any solvent, additive or adulterant to either component or mixed material.

(iv) *Pot Life*

Approx 20 minutes at 20°C.

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.

(v) *Clean Up*

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

4. Installation

Apply to prepared surface using short nap roller or nylon bristle brush.

Apply thinly over surface to ensure complete sealing of the 33 series product beneath. Avoid any pooling of the Metz 33 Sealer material.

5. Setting/Curing:

Setting Time, at 20°C: 12 hours

Full Cure, at 20°C: 7 days

Do not allow water, chemicals or traffic on the material surface for a minimum of 24 hours. For harsh chemical or physical environments, cure a minimum of 72 hours at 20°C prior to exposure.

6. Storage

Store in original sealed containers in cool dry place. 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 the Material Safety Data Sheets for each component.

Always ensure you have the latest data sheet version, refer 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 or 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.

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**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