

# METZ ANTISLIP ADDITIVE

## THERMOPLASTIC POLYMER POWDER



### DESCRIPTION:

Metz Antislip Additive is an environmentally safe, high molecular weight, synthetic thermoplastic polymeric powder suitable for use in industrial coating applications that require antislip performance. It is simple, easy to mix and enables a one step application of an antislip coating.

### FEATURES AND BENEFITS:

Metz Antislip Additive remains suspended within the coating system during application. Being semi-transparent clear white it can be used in all coating colours.

- **Chemical Resistance**  
Excellent resistance to a wide range of acids, alkalis, solvents, oils and fats. Refer Metz Chemical Resistance Chart for individual coating products.
- **Abrasion Resistance**  
Excellent resistance to abrasion
- **Simple to Use**  
Compared to traditional practice of using silica sand broadcast
  - one step application of anti slip coating
  - reduced cost in use - labour and material saving
  - fast to apply
  - environmentally safe
  - can be mixed directly with the coating just before application
  - remains embedded within coating system rather than on surface
- **Quality Accreditation**  
The management system governing the development and manufacture of this product is proudly ISO9001:2015 certified.

### RECOMMENDED:

As an additive to Metz industrial coatings (epoxy, polyurethanes, etc) to enhance antislip properties in:

- Dairies and Milk Products processing
- Meat and Poultry plants
- Commercial Kitchens
- Food Processing plants
- Workshops, Warehouses
- Entry ramps
- Breweries and Soft Drink plants
- Confectionery plants

### NOT RECOMMENDED:

- For areas subject to direct exposure to strong solvents or concentrated organic or oxidising acids
- For exposure to temperatures exceeding 120°C.
- For areas subject to extreme traffic, refer Metz Broadcast Aggregate
- For areas subject to frozen layer or high sediments of oil/material build up

### PHYSICAL PROPERTIES: (Typical Values)

|                              |  |
|------------------------------|--|
| Visual Appearance:           | Natural white powder                                 |
| Density (fine/medium/large): | 0.950 g/cm <sup>3</sup>                              |
| Powder bulk density:         | 0.45 g/cm <sup>3</sup>                               |
| Particle size:               | 275 µm (standard size. Other sizes by special order) |
| Maximum service temperature: | 120°C  |

### COVERAGE:

Theoretical quantities (allow for wastage) 2% to 5% by weight of the coating mix. Increasing the content produces a more skid resistant surface.



### INSTRUCTIONS FOR USE

#### 1. Temperature of Working Area

This product is to be used along with Metz coating products. Follow instructions mentioned in datasheets for the corresponding coating product.

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

Store materials in cool and dry conditions.

#### 2. Mixing

##### a) Mixing Equipment

Mechanical mixing is recommended. A low speed mixer or a heavy duty drill with an appropriate mixing paddle are suitable.

##### b) Mixing Proportions

As a general guide:

- The additive (any grade) must be added to the liquid part of a 2 component coating.
- The amount to be added depends on extent of antislip property required.

Note: Follow the liquid to hardener ratio as per the datasheet of the coating product.

##### c) Mixing Procedure

Remix liquid components prior to use.

Mix liquid and Metz Antislip Additive together thoroughly for 1-2 minutes until additive is uniformly dispersed. Add hardener and mix as per the coating materials datasheet instructions.

At end of the mixing period material should be uniform in colour.

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

The additive does not change the pot-life of the product. Please follow guidelines given in the respective datasheet of the coating product.

##### e) Clean Up

The additive does not change the clean up instructions of the product. Please follow guidelines given in the respective datasheet of the coating product.

#### 4. Installation

Follow instructions given in the respective datasheet of the coating for coverage, thickness.

#### 5. Setting/Curing

The additive does not change the setting/curing of the product. Please follow guidelines given in the respective datasheet of the coating product.

#### 6. Storage

Store in original sealed containers in cool dry place. Avoid storing at temperatures over 25°C for extended periods. Under these conditions, minimum shelf life is 12 months.

#### 7. Safety Precautions

The additive is environmentally safe. For full safety precautions refer to Safety Data Sheet.

For full safety precautions refer to the Safety Data Sheet for each component.

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

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.