

PMMA-BASED ANTI-SLIP PAINT

A solvent-free, 3-component heavy duty anti-skid flooring system that's designed for areas subject to extreme abrasion and wear.

This specialist, durable flooring coating delivers excellent grip properties for indoor and outdoor use where a sure foothold is required. It's suitable for all conditions, including wet environments. The system offers fine, medium and coarse aggregate for a suitable textured finish on steel, concrete and other substrates.

PRODUCT DESCRIPTION

A solvent-free, 3-component, heavy duty anti-skid flooring system.

APPLICATION AREAS

- Walkways
- Production Areas
- Warehouse
- Car Parking
- Offshore decks, lay down areas and walkways
- Balcony Waterproofing

KEY BENEFITS

- Fast-curing with a hardening time of just 40 minutes (at 20°C and with a PMMA Catalyst dosage of 2% pbw. added to the Resin Base)
- A tough and durable coating with excellent grip properties
- Choices of fine, medium and coarse aggregate are available
- Suitable for internal and external application, including in wet environments
- Excellent resistance to UV and weathering
- Good chemical resistance
- Can be applied in temperatures as low as 0°C up to 30°C. And for substrate temperatures of -10°C, please refer to PMMA Additive LT Technical Data Sheet.

PRODUCT INFORMATION

Volume Solids	100%
Typical Thickness	Minimum 600 microns
Theoretical Coverage	0.6 - 1.1Kg/m ²
PMMA Catalyst	2 - 6% (% by weight). See "PMMA Catalyst Dosages"

APPLICATION DETAILS

PMMA-Based Anti-Slip Paint

For mixing the product: Twin paddle mixer, steel container

Method of application: Brush, roller. The aggregate is then evenly broadcast across the material upon application.

Thinner: Do not thin

Cleaner: PMMA Cleaning Agent 10 litre



PRODUCT

This is a 3-component, heavy duty anti-skid flooring system

PACKAGING

10kg PMMA-Based Anti-Slip Paint and Supplied With Fine, Medium or Coarse Aggregate

SHELF LIFE

6 months if stored in the unopened original container in dry (min 5°C) frost-free location

STORAGE

Store in safe place out of reach of children

INFORMATION ON SAFETY AND RISKS

Please refer to the safety data sheets for the products used

PMMA CATALYST DOSAGES

Substrate Temperature	PMMA Catalyst % pbw.	Pot Life approx. min	Hardening Time approx. min
0°C	6.0	20	50
+10°C	4.0	20	45
+20°C	2.0	15	40

For substrate temperatures of -10°C, please refer to PMMA Additive LT Technical Data Sheet.

SURFACE PREPARATION

Ensure all areas are clean, dry and free from dust, dirt, corrosion and general surface contamination. All oils, grease, etc. should be removed with suitable degreasing solution pre application onto any pre-applied PMMA.

Concrete and steel surfaces should be preferably Bristle Blasted/Grit blasted to SA 2½ in accordance with DIN 55929.

Non-ferrous metals must be cleaned and prepared by Bristle Blasting or Grit blasting.

Always prime the substrate (see PMMA-Based Universal Primer).

ADVICE ON APPLICATION

Due to exothermic reaction with mixing process, please ensure the product is mixed in a steel container. First stir the PMMA-Based Anti-Slip Paint with paddle mixer thoroughly. Then add the PMMA Catalyst while stirring the sealer coating at a slow speed.

Mix for 1 - 2 minutes.

You must not dose less than the given quantity of PMMA Catalyst, as this will jeopardize the curing process.

You must also avoid overdosing the PMMA Catalyst, as this can likewise lead to serious curing problems.

The material must be applied as soon as the PMMA Catalyst has finished dissolving in the resin components.

The fine, medium or coarse aggregate is then evenly broadcast across the material upon application.

APPLICATION CHARACTERISTICS

PMMA-Based Anti-Slip Paint as delivered

Property	Measuring Method	Approx. Value
Viscosity at +20°C	DIN 53 019	350 – 550 mPa · s
Flow time at +20°C, 6mm	DIN EN ISO 2431	45 – 70 sec.
Density D ₄ ²⁰	DIN EN ISO 2811	1.2 g/cm ³
Flash point	DIN 51 755	+10 °C
Pot life at +20°C (100g, 2 % pbw PMMA Catalyst)	Approx. 15 min.	
Application temperature	0°C to + 30°C	

STORAGE AND HANDLING

Storage: Store in a safe place out of the reach of children.

Pack Size: 10Kg.

Shelf Life: 6 months if stored in the unopened original container in a dry (min. 5°C) frost-free location.

SAFETY ADVICE

A copy of the appropriate Health & Safety Data Sheet should be consulted prior to using the product. This can be faxed if urgently required.

Minimum precautions for all paints:

1. Avoid skin and eye contact i.e. wear gloves, goggles, etc.

2. Ensure good ventilation, mechanical if necessary.
3. Store and use away from heat and flame.
4. Do not eat or smoke in the vicinity of work.
5. Wash hands before eating.

Refer to supply container for additional warning labels

EQUIPMENT CLEANING

If work is interrupted or when it is completed, clean the tools thoroughly with cleaning agent within the pot life of the material. This can be done with a brush. Do not use the tools again until the cleaning agent has evaporated fully. Simply immersing the tools in the cleaning agent will not prevent the material from hardening.

INFORMATION ON SAFETY AND RISKS

Please refer to the safety data sheets for the products used.

GENERAL INFORMATION

The above information, especially information about application of the products, is based on extensive development work as well as many years of experience and is provided to the best of our knowledge. However, the wide variety of requirements and conditions on site mean that it is necessary for the product to be tested to ensure that it is suitable for the intended purpose.

Only the most recent version of this document is valid. We reserve the right to make changes to reflect advances in technology or improvements to our products.

DEFINITIONS

Practical Coverage	Practical coverage can vary considerably depending on method of application, surface roughness, weather conditions and complexity of the structure.
Pot Life	Applies only to two component products and refers to the time the mixture remains usable.

DISCLAIMER

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