



GUARD MA

DS-36594-0721

**Globally Proven
Construction Solutions**



1. PRODUCT NAME

GUARD MA

2. MANUFACTURER

LATICRETE Europe S.r.l. a socio unico

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3. PRODUCT DESCRIPTION

GUARD MA is a solid colour, solvent-based methacrylic resin for both decorative and protective applications. It is a low-viscosity resin that penetrates concrete and cement-based substrates deeply through capillary absorption.

Once cured, GUARD MA consolidates the surface and provides hydrophobic, anticorrosive and protective properties. Cementitious surfaces treated with GUARD MA show reduced surface water absorption, carbonation, and yellowing. It is an ideal solution for environments with frequent use, such as driveways, courtyards, and parking areas.

GUARD MA is available in a matte finish and can be colour-matched to any standard RAL colour. For more information regarding specific systems or to discuss your next project, please contact us today.

Previously called GUARD MC SB.

Uses

- Suitable for both interior and exterior applications over concrete substrates
- Garages
- Warehouses
- Cellars
- Pedestrian areas
- Parking lots and garages
- Driveways
- Courtyards

Advantages

- Penetrates deeply and protects — repels water and minimizes dirt and stains
- Great weatherability and resistance to yellowing
- Easy to clean — good resistance to frequent washing
- Ideal for applications with frequent use, such as garages, warehouses, parking lots
- Unlike traditional anti-dust paints, it can be used over new concrete after only 10 days of curing

Suitable Substrates

- Concrete

Packaging

- 20 kg
- 200 kg

Approximate Coverage / Consumption

- ~ 5-6 m² of surface per 1 kg of product.
- 80-100 g per m² per coat.

Coverage values are approximate and will vary based on surface condition, preparation methods and application technique.

Shelf Life

Factory sealed containers of this product are guaranteed to be of first quality for one (1) year if stored off the ground in a dry area. High humidity will reduce the shelf life of bagged product.

Limitations

- Only for use over concrete or cementitious substrates.

Cautions

Thoroughly read all technical data sheets, application guidelines, warranty disclaimers and Safety Data Sheets (SDS) prior to use.

- Wear protective gloves, protective clothing and eye protection.
- During use, do not eat, drink or smoke.
- Protect the product from direct sunlight and keep away from flames or heat sources.
- Surface temperature may be elevated if exposed to direct sunlight in hot climates.
- Keep out of reach of children.

4. TECHNICAL DATA

**SOLVENT
BASED**

Physical Properties

Classification according to EN 13813:	SR-B2,0-AR0,5-IR10	
Reaction to fire according to EN 13501-1:	F	
Basis:	Methacrylic resins	
Colour:	RAL colours	
Appearance:	Matte	
	Value	Test Method
Bond Strength:	> 2,4 N/mm ²	EN 13892-8
Wear Resistance:	< 30 µm	EN 13892-4
Impact Resistance:	> 10 Nm	EN ISO 6272-1
Temperature Resistance:	From -35°C to +90°C	

Working Properties

Consistency:	Semi-fluid
Wet Density:	1,15 kg/L (± 0.05)
Application Temperature:	From + 7°C to + 35°C
Application R.H.:	< 70%
Mix Ratio:	Diluted with SOLVENT MA up to 10-15%
% Solids:	60%(± 2%)
Dry to Touch:	1 hour
Minimum Re-Coat Time:	3 hours
Maximum Re-Coat Time:	24 hours
Foot Traffic:	24 hours
Vehicular Traffic:	7 days
Final Cure:	7 days

(at 23°C, 50% R.H.)

Specifications subject to change without notification. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions.

5. INSTALLATION

Surface Preparation

- **New Concrete:** GUARD MA can be applied on new concrete after only 10 days of curing. Concrete must be mechanically profiled or sanded to remove any surface laitance, which can reduce absorption of the product.
- **Old/Existing Concrete:** Ensure surface is free of grease, waxes, or any other contaminants that may impede penetration and absorption of product. Concrete must be mechanically profiled, sanded, or shot blasted to remove any surface laitance or old, contaminated, or deteriorated layers.

Any repairs must be addressed prior to application and should be repaired in accordance with ICRI (International Concrete Repair Institute) or local standards. Do not use alcohol to clean prior to application.

Mixing

GUARD MA must be diluted up to 10-15% with SOLVENT MA. Mix thoroughly by hand or with a paddle mixer before use to ensure a homogenous, consistent colour. Avoid overmixing or creating a vortex that could introduce air

Application

GUARD MA must be applied in two coats using a roller or manual low pressure sprayer. Apply and distribute evenly over all prepared surfaces. Ensure it is absorbed by the concrete and do not allow the product to puddle or pool.

The second coat should be applied approximately 3-4 hour after initial application, dependent on ambient temperature, slab temperature and humidity. Product should be re-coated within 24 hours following initial application.

Light foot traffic is acceptable 24 hours following application and vehicular traffic is acceptable 7 days after application.

Notes

Mock-ups and field test areas are required in order to validate performance and appearance relate characteristics (including but not limited to color, inherent surface variations, wear, anti dusting, abrasion resistance, chemical resistance, stain resistance, coefficient of friction, etc.) to ensure system performance as specified for the intended use, and to determine approval of the coating system.

Variability in job site conditions (including but not limited to surface preparation, sunlight, humidity, dew point, temperature, etc.) during application of LATICRETE flooring products may lead to fisheyes, blistering, pinholes, wrinkling, or outgassing of air in the concrete

and are not product defects. Additional coats, shading or evening application may be required.

6. AVAILABILITY AND COST

Availability

LATICRETE® materials are available worldwide. For distributor information, please contact LATICRETE Europe S.r.l. a socio unico:

+39 059 535540

info@laticreteeuropa.com

For on-line distributor information, visit www.laticrete.eu.

Cost

Contact LATICRETE Europe S.r.l. a socio unico to obtain complete information and cost.

7. WARRANTY

The supplier warrants that the product will not deteriorate under normal conditions and use. The warranty validity of one (1) year. Contact Technical Services for further information. See 10. FILING SYSTEM:

- DS 230.13EU: 1 Year Product Warranty

8. MAINTENANCE

The long term performance, appearance, and life expectancy of wear surface products are critically dependence upon a good routine maintenance program designed specifically for the installed wear surface.

LATICRETE® resinous floor coating systems are nonporous, causing dirt and contaminants to remain on the surface. The use of properly placed walk-off mats, inside and outside, will help increase the life of the floor. Recommend maintenance program consist of frequent and thorough cleaning utilizing a neutral pH cleaner. The frequency of washing will vary depending on floor usage type, traffic and age.

9. TECHNICAL SERVICES

Technical Assistance

Information is available by calling or emailing the Technical Service Hotline:

+39 059 535540

technicalservices@laticreteeuropa.com

Technical and Safety Literature

To obtain technical and safety literature, please visit our website at www.laticrete.eu.

Warning

The information and the instructions in the data sheet, although based on knowledge gained through years of applications, are indicative. LATICRETE® is unable to directly control the installation methods and conditions of products and does not assume any liability arising from their implementation. Those who want to use LATICRETE® products should conduct adequate tests to

determine the site specifications. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation method and site conditions.

LATICRETE® products are covered by a warranty within the limits of what is established by our general conditions of sale and within the limits of correspondence related to technical specifications and applicable certifications, as expressly indicated in the product data sheets, documentation, or applicable technical documentation.

10. FILING SYSTEM

Additional product information is available on our website at laticrete.eu. The following is a list of related documents:

- DS 230.13EU: 1 Year Product Warranty
- TDS 420: LATICRETE® Floor Maintenance Guide
- DS 3127: Surface Preparation for LATICRETE® Resinous Flooring