

MARIPUR® 7250

Aliphatic Polyurethane Floor Coating UV-stable

TECHNICAL DATA SHEET
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Product Description

MARIPUR® 7250 is a two components coloured, highly durable, polyurethane thin-layer floor coating for external and internal use.

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Product Information

- Two-component, aliphatic polyurethane,
- Solvent-based

Packaging

- 5kg (3,75+1,25) /10kg (7,5+2,5) metal

Color

- White, grey (RAL 7040) –
- Other RAL colors supplied on request

Shelf Life

- 12 months from date of production

Storage Conditions

- Pails should be stored in dry and cool rooms. Protect the material against moisture and direct sunlight. Storage temperature: 5°-35°C. Products should remain in their original, unopened containers, bearing the manufacturers name, product designation, batch number and application precaution labels.

Advantages

- Simple application (roller or airless spray)
- Decorative
- Color & UV stable
- Constant heavy abrasion resistant.
- Heat and frost resistant
- Chemical resistant **
- When applied does not absorb liquids or dirt
- Stops the creation of dust
- Gives a glossy and easy-to-clean surface
- No chalking effect
- Maintains its mechanical properties over a temperature span of -20°C to +90°C

■ Uses

- Car parking areas
- Show rooms
- External and Internal Pedestrian Decks
- Storage rooms
- Industrial areas

■ Consumption

- 0,350-0,400 kg/m² in two layers.
This coverage is based on practical application by roller onto a smooth surface in optimum conditions. Factors like surface porosity, temperature, humidity, application method and finish required can alter consumption.

■ Certifications



Technical Data*

PROPERTY	RESULTS	TEST METHOD
Composition	Pigmented Aliphatic Polyurethane. Solvent-based	
Adhesion to concrete	>2 N/mm ²	EN 1542
UV and Color stability	excellent	Inhouse Test
Hardness (SHORE D Scale)	45	ASTM D 2240
Resistance to Water Pressure	No Leak (1m water column, 24h)	DIN EN 1928
Application Temperature	5°C to 35°C	Conditions: 20°C, 50% RH
Tack Free Time	5-7 hours	Conditions: 20°C, 50% RH
Light Trafficking	24 hours	Conditions: 20°C, 50% RH
Final Curing time	7 days	Conditions: 20°C, 50% RH



EN13813 SR-B2,0-AR0,5-IR4: Screed material and floor screed: 0.350kg/m²



Application

Surface Preparation

Careful surface preparation is essential for optimum finish and durability.

The concrete surface needs to be grinded with a stone- or a diamond-grinding machine. The surface needs to be clean, dry and sound, free of any contamination, which may harmfully affect the adhesion of the coating. Maximum moisture content should not exceed 5%. Substrate compressive strength should be at least 25MPa, cohesive bond strength at least 1.5MPa. New concrete structures need to dry for at least 28 days. Old coatings, dirt, fats, oils, organic substances and dust need to be removed by a grinding machine. Possible surface irregularities need to be smoothed. Any loose surface pieces and grinding dust need to be thoroughly removed.

WARNING: Do not wash surface with water!

WARNING: Do not use a metal-ball blasting machine to grind the surface, because the heavy metal-ball impacts, destroy the cohesion of the concrete surface and lower its stability.

Repair of cracks:

Clean cracks and hairline cracks, of dust, residue or other contamination. Fill all cracks with suitable putty. The next day smoothen the putty surface with a sandpaper or a mechanical grinder.

Primer

Prime absorbent surfaces, like concrete, cement screed with MARIPOX® 2570-S primer diluted with 10-15% with the thinner MARISOLV® 9020 by using a roller, brush, or a spray gun. Dilute MARIPUR® 7250 5-10% with the thinner MARISOLV® 9070

After 12-24 hours (not later than 36 hours) apply the first layer of MARIPUR® 7250 coating. 24 hours after the first layer apply the second one of MARIPUR® 7250.

Stir well before using and mix the 2 components very well for 2-3 minutes. For best results, the temperature during application and cure should be between 5°C and 35°C. Low temperatures retard cure while high temperature speeds up curing. High humidity may affect the final finish.

WARNING: MARIPUR® 7250 and/or MARIPUR® SYSTEM is slippery when wet. In order to avoid slipperiness during wet days, sprinkle suitable aggregates onto the still-wet coating to create an anti-slip surface.

Anti-Slip Finish

In order to achieve an anti-slip effect, we need to evenly sprinkle corundum (or silica sand) on the first layer of MARIPUR® 7250 while still wet. When the layer is dry, we brush off any excess aggregate and continue with the application of the second layer of MARIPUR® 7250.

Safety measures

MARIPUR® 7250 component B, contains isocyanates. See information supplied by the manufacturer. Make sure personal protection (gloves, mask, goggles) are used and ventilation is adequate. Please study the Safety Data Sheet. **PROFESSIONAL USE ONLY**

Our technical advice for use, whether verbal or written, is given in good faith and reflect the current level of knowledge and experience with our products. When using our products, a detailed object-related and qualified inspection is required in each individual case in order to determine whether the product and /or application technology in question meets the specific requirements and purposes. We may guarantee only that our products are compliant with their technical specification; correct application of our products therefore falls entirely within your scope of liability and Users are responsible, in any case, for complying with local legislation and for obtaining any required approvals or authorizations, when necessary, either for their purchase and/or for their use. Values in this technical data sheet are given as examples and may not be regarded as specifications. For product specifications contact our technical department. The new edition of the technical data sheet supersedes the previous technical information and renders it invalid. It is therefore necessary that you always have to hand the current code of practice.

* All values represent typical values and are not part of the product specification.

MARIS POLYMERS S.M.S.A.

Industrial Area of Inofita • 320 11 Inofita • Greece Tel: +30 22620 32918-9
marispolymers@saint-gobain.com • www.marispolymers.com