

MARIPUR® 7500

Aliphatic
Polyurethane
Gloss Varnish

TECHNICAL DATA SHEET
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Product Description

MARIPUR® 7500 is a premium, transparent, gloss, semi-rigid, polyurethane varnish with high impact & abrasion strength and excellent UV stability, used for protection of decorative micro cement.

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Product Information

- Two-component, solvent based, aliphatic polyurethane

Packaging

- 2,8+1,2 / 0,7+0,3 kg metal pails

Color

- Transparent

Shelf Life

- 9 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)
- Resistant to constant, heavy abrasion.
- Non-yellowing, UV stable
- Gives a gloss and easy-to-clean surface
- Resistant to water and frost
- Resistant to bacteria and fungus
- Stops the creation of dust

■ Uses

MARIPUR® 7500 is used on decorative microcement applications.

Due to its properties is widely used for decorative flooring applications in:

- Residential
- Offices
- Retail Stores and Show Rooms
- Restaurants

■ Consumption

- 0,200-0,240 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



EN1504-2: Surface protection for concrete 0.2kg/m²



Technical Data*

PROPERTY	RESULTS	TEST METHOD
Mixing Ratio	7:3	
Adhesion to concrete	>2 N/mm ² (concrete failure)	EN 1542
Permeability to CO ₂ (measured In CE system)	0.6g/m ² d	EN 1062-6
Capillary absorption and permeability to water (measured In CE system)	0.01 kg/m ² .h ^{0.5}	EN 1062-3
Water vapour permeability (measured In CE system)	8.4g/m ² d	EN ISO 7783
Hardness (Shore D Scale)	40 + 5	ASTM D 2240 (15")
Gloss 60°	85	Inhouse Lab
Pot life	1h	Inhouse Lab
Service Temperature	-20°C to +90°C	Inhouse Lab
Application Temperature	5°C to 35°C	Conditions: 20°C, 50% RH
Tack Free Time	3 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



EPD verified

■ Application

Surface Preparation (as Transparent Varnish)

Careful surface preparation is essential for optimum finish and durability. 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%. Possible surface irregularities need to be smoothed. Any loose surface pieces and dust need to be thoroughly removed.

WARNING: Do not wash surface with water!

Priming

Prime surfaces with MARIPUR® 7400W

Top - Coating

MARIPUR® 7500 is applied diluted with 10-15% of MARISOLV® 9020.
Apply MARIPUR® 7500 onto the surface by roller in 2 or 3 layers.

ATTENTION: Be sure to apply thin layers. Do not let coating pond.

ATTENTION: Change rollers every hour, especially in high temperature conditions (>25°C) as the product tends and then creates uneven streaks during application.

Careful surface preparation is essential for optimum finish and durability.

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!

For best results, the temperature during application and cure should be between 5°C and 35°C. Low temperature retards cure while high temperature speeds up curing. High humidity may affect the final finish.

WARNING: MARIPUR® 7500 is slippery when wet.

■ Safety measures

MARIPUR® 7500 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