

MARIPOX[®] 2570-S

Epoxy Primer
Solvent-based

TECHNICAL DATA SHEET
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Product Description

MARIPOX[®] 2570-S is a transparent, rigid, solvent - based epoxy primer. Used as a primer in waterproofing, sealing and floor coating applications on concrete and metallic substrates. Cures by reaction (cross linking) of the two components.

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Product Information

- Two-component epoxy solvent-based primer

Packaging

- 7+3/ 3.5+1.5 kg metal pails

Color

- Yellowing transparent after the mixing

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 brush)
- Excellent anchoring to absorbent and non-absorbent surfaces
- Can be applied at low temperatures >5°C
- Provides high tensile and impact strength
- Heat and frost resistant
- Stops the creation of dust
- Chemical resistant

■ Uses

MARIPOX® 2570-S is mainly used as a primer for polyurethane waterproofing coatings, polyurethane joint sealants and polyurethane and epoxy floor coatings on non-absorbent surfaces like:

- concrete
- Metal (various)

■ Consumption

- 0,200 kg/m² in one layer

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 product for concrete (0.2kg/m²)



Technical Data*

PROPERTY	RESULTS	TEST METHOD
Composition	Epoxy resin + Hardener. Solvent based	
Mixing Ratio	A:B = 7:3	
Adhesion to aluminum	>3 N/mm ²	EN 1542
Adhesion to concrete	>2.5 N/mm ²	EN 1542
Resistance to Water Pressure	No Leak (1m water column, 24h)	DIN EN 1928
Service Temperature	-30°C to +90°C	Inhouse lab
Pot Life	50 min	Conditions: 20°C, 50% RH
Overcoating time	12 hours	Conditions: 20°C, 50% RH
Final Curing Time	7 days	Conditions: 20°C, 50% RH
Application Temperature	5°C to 35°C	Conditions: 20°C, 50% RH

Application

Surface Preparation

Careful surface preparation is essential for optimum finish and durability.

The surface needs to be clean and sound, free of any contamination, which may harmfully affect the adhesion of the primer.

Maximum moisture content should not exceed 4%. Substrate compressive strength should be at least 25MPa, cohesive bond strength at least 1.5MPa. 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 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.

Mixing

MARIPOX® 2570-S Component A and Component B should be mixed by low-speed mechanical stirrer, according to the stipulated mixing ratio, for about 3-5 min.

ATTENTION: The mixing of the components has to be effected very thoroughly, especially on the walls and bottom of the pail until the mixture becomes fully homogeneous.

Dilute mixture with 10-15% of MARISOLV® 9020, to regulate viscosity.

Priming

Apply MARIPOX® 2570-S (diluted with 10-15% MARISOLV® 9020) by roller or brush, until the surface is covered. After approx. 12 hours (not later than 24 hours) apply the polyurethane or epoxy coating

ATTENTION: Please ensure consumption within the Pot Life.

WARNING: Do not apply MARIPOX® 2570-S, at ambient and ground temperatures under 5°C.

RECOMMENDATION: If the surface is very brittle, like lightweight concrete or porous cement screed, apply two layers of MARIPOX® 2570-S

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.

Safety measures

MARIPOX® 2570-S contains amines and epoxy resins. See information supplied by the manufacturer. 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. The applied primer might yellow and/or fade upon UV exposure.

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