

POLIURETEK MC 671

Waterproofing Membrane

505-00671-720

DESCRIPTION

Poliuretek MC 671 is a polyurethane-based waterproofing coating that produces an aromatic membrane for concrete surfaces. It is a single-part product formulated from moisture-cured resins, which give it high impermeability and flexibility, so has an excellent performance as a waterproofing barrier with high water repellency.

Poliuretek MC 671 should be applied over our primer Primario WP 675 to block moisture and ensure adherence to the substrate (read and understand this WP 675 primer's technical data sheet).

USE

Ideal for waterproofing concrete roofs, terraces, or roofs slabs.

Structure	Slabs / roofs / terraces
Interior/Exterior	Indoor/ Roofed Outdoors, Outdoors
Surface	Concrete
Line	Domestic Line, Industrial/Professional Line

PROPERTIES

SPECIAL PROPERTIES

Suitable to walk over: Yes

PHYSICAL PROPERTIES	DATA
Volume Solids (%)	75
Weight Solids (%)	87
Weight per gallon (kg/gal)	6.28
Brookfield viscosity (cPs)	9400
Theoretical Yield (m ² /gallon)	4 m ² @ 30 mils dry film thickness
Touch-dry time	3 hours
Full drying time	24 hours
VOC (grams/liter)	< 225

These technical data were calculated under controlled laboratory conditions, but SUR QUIMICA has no control over conditions, tools, applicator skills, selection, preparation, or compatibility of products used; therefore, can only guarantee this product quality, its features and qualities' suitability, but is not responsible for the results obtained in conditions impossible to check once the job has been done. SUR QUIMICA has made reasonable efforts to ensure the accuracy of the information provided here, but assumes no responsibility for any error, omission, or inaccuracy in it. If there is any inconsistency between different language issues of this document, Spanish version will prevail.



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Definition of theoretical yield: Maximum surface that can be covered with a painting under ideal conditions. Practical yield varies depending on type of surface, used tool, applicator experience and other factors. 1 mil = 0.0254 mm

CONTAINERS AND COLORS

AVAILABLE CONTAINERS

1 gallon can (3.785 Lt.)

5-gallon bucket (18.925 Lt.)

SURFACE PREPARATION

CONDITION	INSTRUCTION
Surface Cleaning	Remove any residue of grease, paint or other contaminants with sandpaper, hand or power tools, pressure washer, or scarifier equipment to get a bare concrete surface with an adequate anchor profile and dust it thoroughly.
New Surfaces	New concrete should be cured for 28 days before application.
Cracks, microcracks	Cracks (2 mm to 20 mm): Use 550 ETIBOND CONCRET and immediately, "fresh on fresh", apply MORTERO DE REPARACIÓN MR-520 (repair mortar). Let the mortar cure and dry for at least 15 days before applying this plaster.

PRODUCT PREPARATION

COMPONENT	MIXING RATIO	MIXING INSTRUCTIONS
Product: 505-00671-720, POLIURETEK MC 671	100%	Ready to use, do not dilute
Pre-accelerator: 505-00672-900 Acelerante for Poliuretek MC 671	As an option, add 138ml per gallon.	It can be used in the suggested proportion. Mix well.

PRODUCT APPLICATION

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APPLICATION TOOL

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Application conditions

Do not apply this product when ambient humidity exceeds 85%, under rain or with certain threat that it will rain in a short time, as it would alter some characteristics of the application or the performance of the product.

This product should not be applied directly when exposed to sunrays, rain, fog, or strong winds.

It should not be applied on surfaces where water flows freely due to leaks, nor on concrete previously treated with another type of waterproofing or paint.

If applying to a surface exposed to very strong chemicals, test the product before applying to the entire surface.

Number of Coats and Thickness

Number of Coats	1 coat, 40 mils wet film thickness.
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Application Instructions

Before applying, the surface should be coated with WP 675 Primer (see respective technical data sheet). Remove any grease residue from the primer. If WP 675 primer has been applied more than 24 hours ago, it should be sanded before applying Poliuretek MC 671.

Slightly shake this product and let slate for 5 minutes.

Then apply a layer of Poliuretek MC 671, 40 mils thick, to cover the entire surface.

If more coats are needed, apply them between 6 and up to 24 hours after applying the previous coat.

In case of bubbles, remove them with a spike roller.

Do not apply on frozen, dusting, unstable or inconsistent surfaces.

NOTICE

- ✓ If you need more information, check our website <https://www.gruposur.com/asistencia/>
- ✓ This product may discolor when exposed to the sun. However, that will not affect its waterproofing properties.
- ✓ This product can be covered with compatible polyurethane finishes.

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- ✓ This product cannot be submerged in water. A minimum slope of 1% should be left.
 - ✓ Container must be kept out of reach of children, tightly closed in a ventilated place, away from sunlight or intense heat, between 20 and 30°C

HEALTH

- ✓ The user of this product may need the appropriate Personal Protection Equipment (PPE), as described in its Safety data Sheet (MSDS), available at <http://www.gruposur.com>
- ✓ If you need to dispose of empty containers of our products in Costa Rica, contact your SUR store or our industrial compound in La Uruca, San Jose

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