

DESCRIPTION

PRIMARIO WP 675 is a high-viscosity, two-part epoxy resin, applicable in a single coat. Specially designed to block humidity of up to 6% in concrete substrates (90% humidity, according to Protimeter measurement equipment). Afterwards, apply PoliureteK MC 671 polyurethane membrane as a final coating. This product is ideal to be used on horizontal surfaces.

USE

Ideal for concrete slabs, mezzanines or horizontal surfaces. Its main use is to block concrete's high humidity and increase adhesion to the substrate. If required, it can be applied to water tanks (see application instructions).

Structure	Horizontal structural elements, Mezzanines, Concrete slabs, Water tanks
Interior/Exterior	Indoor, Protected Outdoor, Outdoors
Surface	Concrete
Line	Línea Industrial/Profesional

PROPERTIES

PHYSICAL PROPERTIES	DATA
Pot life	15-20 minutes
Specific density	4.3 kg/gal
Volume Solids (%)	84 - 88
Weight Solids (%)	85 - 89
Stormer Krebs viscosity (Ku)	110
Theoretical Yield (m ² /gallon)	18m ² @ 7 mils dry film
Recommended dry film thickness	7 mils
VOC (grams/litre)	138

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.

PRESENTACIÓN

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.

PRIMARIO WP 675

505-00675-720

AVAILABLE CONTAINERS

Component A 505-00675-720: 1 gallon can (3.785 Lt.)

Component A 505-00675-720: 5-gallon bucket (18.925 Lt.)

Componente B 505-00676-900= 1 gallon can (3.785 Lt.)

Componente B 505-00676-900: 5-gallon bucket (18.925 Lt.)

AVAILABLE COLORS

Dark grey 721

SURFACE PREPARATION

CONDICIÓN

INSTRUCCIÓN

New concrete surface

All new surfaces must be fully cured, about 28 days, dry and clean

Surface preparation

Before applying, ensure there is a sound, stable surface, free of any dirt, such as dust, grease, or other contaminants, as they can affect the adhesion or performance of this product.

Cleaning of Contaminans

Remove old paint film, release agents, or adhesives with the appropriate hand or power tools, to get a clean concrete surface.

PRODUCT PREPARATION

COMPONENT

MIXING RATIO

MIXING INSTRUCTIONS

Component A: 505-00675-720, Primario WP 50% 675

Mix both components in equal parts (1:1)

Component B: 505-00676-900, Primario WP 50% 675 Component B

PRODUCT APPLICATION

APPLICATION TOOL

Putty Knife

Toothed Trowel

Roller

Squeegee

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.

Application conditions	
Room Temperature	Between 5°C and 35°C
It can be applied over a wet surface	Up to 6% of moisture in concrete substrates (90% humidity, measured by Protimeter).

Number of layers and thickness	
Number of Coats	1
Dry Film Thickness	7 mils dry thickness
Maximum recommended thickness	8 mils wet thickness

DRYING TIMES	
Touch-Dry	30 min
Time to recoat	Sand after 24 hours
Full drying time	5 – 6 hours

Application Instructions

Apply an even coat of this Primario WP 675 with a notched trowel at 8 mils wet thickness. It can also be applied with a squeegee, trying to leave an even work area. Do not prepare more product than can be applied in the indicated drying time. After 5 to 6 hours, apply Poliuretek MC 671 membrane. This time may vary depending on weather conditions, but it should not exceed 24 hours. After this time, this product should be sanded with #80 grit, dusted and then, the final coating should be applied. In the case of subfloors, respect the existing expansion joints, do not cover them with this WP 675 primer. This product can be coated with epoxy or polyurethane paints and with polyurea coatings, check with our technical service for which of them are specifically compatible. For water tanks, after complete concrete curing, apply this WP 675 primer and then apply Epobecc Tap Finish (521-86085) as topcoat. Product yield depends on surface condition.

Final Instructions

If concrete has any type of release agent, all remaining products should be removed before applying this primer. To apply on vertical surfaces, it is recommended to apply 2 coats of 4 mils wet thickness each one.

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.

NOTICE

- ✓ If you need more information, check our website <https://www.gruposur.com/asistencia/>
- ✓ 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 to avoid loss of its properties.

HEALTH

- ✓ This a professional/industrial product and it should be applied by properly trained personnel, wearing 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

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.