

TECHNICAL INFORMATION

TIE MASTER BASE

Industrial Floor Epoxy Primer



505-10350-920

COMPONENT

Component A	505-10350-920
Component B	505-10351-900

DESCRIPTION

Primary and transparent adhesive base with permeating features, especially to be applied on floors and surfaces that will be coated with epoxy products, such as DUROFAST 3 mm. Penetrates easily in porous substrates, generating good adhesion of epoxy mortar and other finishes, has a high penetration power and some resistance to chemical spills.

USE

Apply only on internal surfaces made of concrete, fiber cement or metal.

Structure Sport courts, floors, slabs/ roofs and terraces

Exterior/Interior Indoor, Outdoor

Surface Concrete, Fiber cement

Product line Domestic, Professional/industrial Line

CHARACTERISTICS

PHYSICAL PROPERTY

DATA

Volume Solids (mix) (%)	37 - 40
Weight Solids (mix) (%)	41 - 43
Weight per gallon - Component A (kg)	3.85 - 4.00
Drying time (minutes @ 25°C)	90 - 180
Induction time	20 min

These technical data were calculated under controlled laboratory conditions, but SUR QUIMICA has no control over the conditions, tools, the skills of the applicator, or over the selection, preparation or compatibility of the products used; therefore can only guarantee this product's 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.



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Theoretical Yield (m ² /Gallon)	57
Pot life (mix) (@ 25°C)	480 - 720
Performance Temperature (°C)	120°C
Minimum airing time (hours @ 25°C)	1
Maximum airing time (hours @ 25°C)	24
Stormer Krebs Viscosity (Ku) - Component A	66 - 80

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

PRESENTATION

AVAILABLE PRESENTATIONS

Component A: 1 Gallon can =3.785 liter.

Component B: 1 Gallon can =3.785 liter.

SURFACE PREPARATION

CONDITION	INSTRUCTION
Metallic Surface	Surface should be free from rust, grease, dust or any other contaminant that can affect the coating adherence or performance.
Concrete Surface	All joints or cracks must be pre-sealed (48 hours minimum), with FAST FILL 250 (26250-920 / 26251-900). Surface must be solid and strongly adhered. New concrete must have cured for at least 28 days.
Surface Preparation	Surface must be dry, free of dust, grease, oil, mold release agent or any other contaminant. Old surfaces should be free of paint and other finishes.

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PRODUCT PREPARATION

COMPONENT	MIXING RATIO	MIXING INSTRUCTIONS
Component A: 505-10350-920 - TIE MASTER BASE	1 part	Mix each component in its own container.
Component B: 505-10351-900 - COMPONENTE B -TIE MASTER BASE	1 part	Mix both components in equal parts (1:1) until a uniform blend.
Induction Time		20 minutes

PRODUCT APPLICATION

IT CAN BE APPLIED WITH



Airless spray



Brush



Roller



Spray gun (gravity or suction feed)

Application conditions

Do not paint very hot surfaces or directly exposed to the sun, the product will evaporate very fast and that will hurt its adherence and duration.

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

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Application Instructions

This product can be applied with brush, roller, conventional spray gun or airless equipment.

Allow to dry completely (approximately 60 minutes).

Avoid product accumulation or puddles, since solvent residues could get trapped between TIE MASTER BASE and the finish.

Depending on substrate's porosity, this product should be applied at a ratio of 15 to 30 m² per gallon of mixture, to achieve a proper permeation on the substrate.

OBSERVATIONS

- ✓ If you need more information, one of our technicians will assist you. Call 800-SUR-2000 or email us at customerservice@gruposur.com

- ✓ If you are using more than one container, is better to blend their content before use.

- ✓ Keep container tightly closed in a ventilated place, between 20 and 30 °C, out of reach of children.
This product is only for internal areas.

HEALTH

- ✓ For a safe use of this product, ask for its safety data sheet (MSDS), available at www.gruposur.com
- ✓ If you need to dispose of empty containers of our products in Costa Rica, contact your SUR Color paint store or our industrial compound in La Uruca, San Jose.

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