

TECHNICAL INFORMATION

BECCGUARD SPEED PRIMER

Fast Drying Alkyd Primer

Primario Alquídico de Rápido Secado

521-82058-720



DESCRIPTION

It's an anticorrosive primer formulated on high performance synthetic resins. Contains corrosion inhibitor pigments and cures at room temperature.

USE

It can be used as an anticorrosive base on carbon steel surfaces in moderately aggressive environment, but not in constant immersion. It can be coated with alkyd type finishes.

Structure	Exterior tank walls, fences, screens, grills and gates, Metallic Structures, Structural elements (column, trusses, etc.)
Exterior/Interior	Indoor, Outdoor.
Surface	Steel
Product line	Professional/industrial Line

CHARACTERISTICS

ASSESSMENT

Fast Dry	
Primer	
Single-component	
Finish	Matte

PHYSICAL PROPERTY

DATA

Volume Solids (%)	61 -63
Weight solids (%)	78-82
Weight per Gallon (kg/Gl)	6.05 - 6.35
Stormer Krebs Viscosity (Ku)	90-100
Theoretical Yield (m ² /Gallon)	61 - 63 m ² @ 1.5 mils
Maximum Service Temperature (°C)	90

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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Shelf Life	24 months
Recommended Dry Film Thickness	1 – 2 mils
VOC (grams/liter)	311

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

PRESENTATION

AVAILABLE PRESENTATIONS

1 gl. can (3.785 lt)
5 gl. bucket (18.925 lt)

AVAILABLE COLORS

Grey 720
Special colors (only by special orders)

SURFACE PREPARATION

CONDITION	INSTRUCTION
Surface Preparation	Surface should be free of rust, grease, dust or any other contaminant that can affect the coating adherence or performance.
NACE Standard	Use NACE, SSPC (Steel Structure Painting Council) standards, or our own "Manual de Patrones Gráficos BECC para la preparación de superficies de acero" (BECC Graphic patterns for Steel surface preparation).
Metal Cleaning	New steel or iron surfaces should be cleaned with SUR Degreaser 330-900.
Mechanical cleaning	Use hand or power tools to clean surface up to a SSPC (Standard Steel Structures Painting Council) SP2 or SP3 Cleaning Standard.
Abrasive blast Cleaning	Clean with abrasive blast to get a SSPC (Standard Steel Structures Painting Council) SP5 o SP10 cleaning standard.

PRODUCT PREPARATION

COMPONENT	MIXING RATIO	MIXING INSTRUCTIONS
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Product: 521-82058-720 – BECCGUARD SPEED PRIMER **100 parts** Before use, mix thoroughly and then add diluent.

Diluent: 510-80001-900 – SPECIAL BECC DILUENT **max. 20 parts**

PRODUCT APPLICATION

IT CAN BE APPLIED WITH



Airless spray



Brush



Roller



Spray gun (gravity or suction feed)

Airless spray application

Nozzle size. .40-.50 mm

Fan Angle 50°

Dry Coat Thickness 1 mil

Wet Film Thickness 2 mils

Line Pressure 110-140 BAR

These are reference values. Professional users can slightly adjust some value as indicated by field conditions.

Application conditions

Surface Temperature 5°C – 35°C

Room Temperature 10°C – 40°C

Relative Humidity 10% – 85%

Surface temperature should be at least 3°C (5°F) over dew point.

Drying times

Dry-to-Touch Time 5 – 15 min

Recoat time 2 hours – Unlimited

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Curing Time	24 hours
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Drying times listed are under ideal conditions (Between 22 – 28°C temperature and 50 – 80% relative humidity). These times are dependent on temperature, moisture, film thickness and dilution.

OBSERVATIONS

- ✓ If you need more information, one of our technicians will assist you.
Call 800-SUR-2000 or email us at customerservice@gruposur.com
- ✓ Keep container tightly closed in a ventilated place, between 20 and 30 °C, out of reach of children.

HEALTH

- ✓ Application personnel should use appropriate personal protective equipment, including safety gloves, goggles and activated charcoal respirator, as detailed in the MSDS of this product, available at www.gruposur.com
- ✓ For a safe use of this product ask for its safety data sheet (MSDS).
- ✓ 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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