

BECCGARD INDUSTRIAL PRIMER



Alkyd Primer

521-82050-307

DESCRIPTION

Primer formulated on alkyd resins, contains a mixture of anticorrosive pigments which stop iron and steel corrosion processes, cures at room temperature, has high anticorrosive power.

USE

Recommended as an anticorrosive base on steel surfaces, such as structures and machinery located in mildly aggressive industrial environments. Not recommended for immersed surfaces.

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

Finish	Matte
Lead and Mercury-Free	
Primer	
Single-component	
Anti Corrosive	Yes

PHYSICAL PROPERTY

DATA

Volume Solids (%)	24 - 26
Weight solids (%)	35 - 37
Weight per Gallon (kg/Gl)	3.80 -3.99
Stormer Krebs Viscosity (Ku)	90-95

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)	37 m ² @ 1 mil
ASTM D3359 (Adhesion measured by tape Test)	4B - 5B
Maximum Service Temperature (°C)	90
Shelf Life	24 months
Recommended Dry Film Thickness	1 - 3 mils
VOC (grams/liter)	488

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.

Use only alkyds and acrylic single-component finishes over this primer.

PRESENTATION

AVAILABLE PRESENTATIONS

1 gl. metal can (3.785 lt)

5 gl. bucket (18.925 lt)

AVAILABLE COLORS

red, yellow, gray

SURFACE PREPARATION

CONDITION	INSTRUCTION
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) SP3 Cleaning Standard.

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TECHNICAL INFORMATION

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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
Product: 521-82050-307 - BECCGARD INDUSTRIAL PRIMER		Stir before use, then add diluent.
Diluent: 510-80000-900 - STANDARD BECC DILUENT	max. 20%	Measured by volume.

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

Dry film Thickness 1.5 mils

Wet Film Thickness 6 mils

Line Pressure 110-140 BAR

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

Application conditions

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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	3.5 h
Recoat time	18 h - Unlimited
Curing Time (days)	8

Dry times are based in normal application, temperature, film thickness and dilution conditions and are provided to serve as a guide. It may be necessary to vary output pressure or nozzle size to get better results.

Final instructions

This primer should be coated with a proper finish within a month. After that period, a new primer activation and regeneration coat is needed before a finish coat.

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.
- ✓ Container must be kept tightly closed to avoid loss of its properties.

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 Color paint store or our industrial compound in La Uruca, San Jose.

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