

521-81152-920

**DESCRIPTION**

BECCTHANE PRE-PRIMER is a single component pre-primer formulated on polyurethane resins. It has excellent adhesion on rusted iron, slowing corrosion processes, it can be applied on wet surfaces and at low temperatures (-5°C). Is moisture cured, has high penetrating and wetting power.

**USE**

Use it as a sealant to retard corrosion processes in areas of difficult access, where a proper surface preparation is hard to provide, so corrosion cannot be removed. It can be covered with epoxy, vinyl or polyurethane coatings.

<b>Structure</b>	Buried Pipes, Exterior pipes, exterior tank walls, Fences, screens, grills and gates, Low temperature surfaces, Metallic Structures, Ships, Structural elements (column, trusses, etc.), Wastewater tanks
<b>Exterior/Interior</b>	Indoor, Roofed Exterior walls
<b>Surface</b>	Steel
<b>Product line</b>	Professional/industrial Line

**CHARACTERISTICS**

**ASSESSMENT**

<u>Finish</u>	<u>Transparent</u>
<u>Single-component</u>	

**PHYSICAL PROPERTY**

**DATA**

Volume Solids (%)	43 - 46
Specific Density	1.42 - 1.48
Weight solids (%)	49 - 51
Weight per Gallon (kg/Gl)	3.84
Stormer Krebs Viscosity (Ku)	53 - 57
Theoretical Yield (m <sup>2</sup> /Gallon)	66 @ 1 mil
Shelf Life	6 months

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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Maximum Service Temperature (°C)	100
Recommended Dry Film Thickness	1.5 mils
VOC (grams/liter)	514

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

### PRESENTATION

#### AVAILABLE PRESENTATIONS

1/4 gl metal can (0.946 lt)  
1 gl metal can (3.785 lt)

#### AVAILABLE COLORS

Transparent 920

### 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 o 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).

#### Rust Remove

Remove loose or flake rust using manual or power tools, leaving only rust firmly adhered to the substrate.

### PRODUCT PREPARATION

#### COMPONENT

#### MIXING RATIO

#### MIXING INSTRUCTIONS

Product: 521-81152-920 - BECCTHANE PRE-PRIMER **100 parts**

Before use, mix thoroughly and then add diluent.

Diluent: 510-80005-900 - BECCTHANE MOISTURE CURE THINNER **Max 100 parts**

### PRODUCT APPLICATION

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# TECHNICAL INFORMATION

## BECCTHANE PRE-PRIMER

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### IT CAN BE APPLIED WITH



Airless spray



Brush



Spray gun (gravity  
or suction feed)

### Airless spray application

Nozzle size 0.33 mm

Fan Angle 60°

Dry Coat Thickness 1.5 mils

Wet Film Thickness 3.5 mils

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

Line Pressure 40 PSI

### Application conditions

Relative Humidity 10% – 98%

Room Temperature -5°C – 40°C

Surface Temperature -5°C – 35°C

### Drying times

Dry-to-Touch Time 30 min

Recoat time 6 – 72 hours

Total drying time 18 hours

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](mailto:customerservice@gruposur.com)
- ✓ Keep container tightly closed in a ventilated place, between 20 and 30°C, out of reach of children.

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

### HEALTH

- ✓ Application personnel should use appropriate personal protective equipment, as detailed in this product's safety data sheet (MSDS), available at [www.gruposur.com](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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