

# TECHNICAL INFORMATION

## BECCNYL FINISH

521-84071-000



### DESCRIPTION

BECCNYL FINISH is a satin finish vinyl, solvent based, which has excellent adhesion and chemical resistance. It is characterized by rapid drying at room temperature, easy to apply, clean and recoat.

### USE

FINISH BECCNYL is recommended to be used as a finish in boats (decks and surfaces over waterline) and marine structures. It should be applied after the proper primer.

<b>Structure</b>	Exterior pipes, exterior tank walls, fences, screens, grills and gates, Metallic Structures, Ships, Structural elements (column, trusses, etc.)
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<b>Exterior/Interior</b>	Indoor, Outdoor, Covered outer walls
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<b>Surface</b>	Steel
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<b>Product line</b>	Professional/industrial Line
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### CHARACTERISTICS

#### SPECIAL PROPERTIES

<b>Finish</b>	Satin
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<b>Fast Dry</b>
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<b>Requires a previous primer</b>
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<b>Single Part</b>
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### PHYSICAL PROPERTY

### DATA

Volume Solids (%)	38 – 42
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Weight solids (%)	54 – 60
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Weight per Gallon (kg/gal)	4.65 to 4.75
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Stormer Krebs Viscosity (Ku)	70 – 80
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Theoretical Yield (m <sup>2</sup> /Gallon)	60m <sup>2</sup> @ 1 mil
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Maximum Service Temperature (°C)	90
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Shelf Life	24 months
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Recommended Dry Film Thickness	1 – 3mils
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VOC (grams/liter)	535
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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.



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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.

Note: Values Measured for white color

### PRESENTATION

#### AVAILABLE PRESENTATIONS

1 gallon metal can (3.785 lt)

5 gallon bucket (18.925 lt)

#### AVAILABLE COLORS

RAL Color Chart

### SURFACE PREPARATION

#### CONDITION

#### INSTRUCTION

##### 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).

##### Surface Preparation

Surface should be free of rust, grease, dust or any other contaminant that can affect the coating adherence or performance.

##### Metal Cleaning

New steel or iron surfaces should be cleaned with Desengrasante 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.

##### Primer:

Apply over the proper primer for each surface.

##### Iron

Epobecc Bond 521-86072-307

##### Iron

Beccgard FD primer 521-82054-307.

##### Concrete or Fiberglass

Epobecc H.B.Tie Coat 521-86061-720

### PRODUCT PREPARATION

#### COMPONENT

#### MIXING RATIO

#### MIXING INSTRUCTIONS

Product: 521-84071-000, BECCNYL FINISH

100 %

Stir well before use.  
Add diluent and mix:

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Diluent: 510-80001-900, BECC DILUYENTE max. 25%  
ESPECIAL (special diluent)

: Stir thoroughly until homogeneous

### PRODUCT APPLICATION

#### IT CAN BE APPLIED WITH

Airless spray      Brush      Spray gun (gravity or  
suction feed)

#### Airless spray application

Nozzle size.	0.48 mm
Fan Angle	65°
Dry Coat Thickness	1.5 mils
Wet Film Thickness	3.75 mils
Line Pressure	110 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	25 minutes
Recoat time	2 hours – Unlimited
Curing Time (days)	1

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

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- ✓ If you need more information, call 800-SUR-2000 or check our website <http://www.gruposur.com/asistencia>
- ✓ 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

- ✓ This is 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 Color paint store or our industrial compound in La Uruca, San Jose.

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