

### DESCRIPTION

BECCSEA 50 ANTIFOULING is an ablative, copper-free antifouling coating, so its environmentally friendly. Thanks to its adequate balance of hydrophobic and hydrophilic resins, together with a concentration of copper-free biocides, it allows the boat to have a broad-spectrum protection against severe and light fouling, below the floating line. It can be used under strict environmental regulations.

### USE

BECCSEA 50 ANTIFOULING is recommended for boats that sail below 15 knots. Besides, not having copper in its formula, it is recommended over any type of surface, especially aluminum, since it will not contribute to galvanic corrosion. It must be applied over a suitable primer, according to the boat's surface.

Structure	Vessels
Outdoor/Indoor	Outdoors
Surface	Carbon steel, Aluminum, Wood, Fiberglass
Line	Industrial/Professional Line

### PROPERTIES

#### SPECIAL PROPERTIES

#### Single-part

PHYSICAL PROPERTIES	DATA
Volume solids (%)	45 - 47
Stormer Krebs Viscosity (Ku)	90-100
Weight solids (%)	63 - 65
Weight per gallon (kg/gal)	5.20 – 5.45
Theoretical Yield (m <sup>2</sup> /gallon)	69 m <sup>2</sup> @ 1 mil
VOC (grams/liter)	475
Shelf life	12 months
Recommended dry film thickness	6 mils (for 1 year service)

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

### CONTAINERS and COLORS

#### AVAILABLE CONTAINERS

1 gallon can (3.785 Lt.)

#### AVAILABLE COLORS

White 000

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.

# TECHNICAL INFORMATION

## BECCSEA 50 ANTIFOULING

521-83050-307



Blue 500

Red 307

Black 700

### SURFACE PREPARATION

CONDITION	INSTRUCTION
<b>Surface Cleaning</b>	Before applying, remove any dirt, such as dust, grease, or other contaminants, as they can affect the adhesion or performance of the finish.
<b>Degreaser</b>	On new steel or iron surfaces, it is recommended to clean previously with our 330-900 Degreaser or any other agent that allows adequate cleaning.
<b>Carbon steel</b>	BECC MARINE EPOXY SELF PRIMING 521-83200-751
<b>Fiberglass</b>	Sand Surface to get a good anchor pattern that allows for a good adherence. Use 83261 BECC MARINE EPOXY TIE COAT as a primer.

### PRODUCT PREPARATION

COMPONENT	MIXING RATIO	MIXING INSTRUCTIONS
Product: 521-83050-307, BECCSEA 50 ANTIFOULING	<b>100 Parts</b>	Stir well before use
Diluent: 510-80001-900, BECC DILUYENTE ESPECIAL	<b>Max. 25%</b>	

### PRODUCT APPLICATION

#### APPLICATION TOOL

Brush	Airless application	Air spray (gravity or suction feed)	Roller
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#### Tools

Use brush only for touch-ups

#### Roller application

To apply this product with a roller, consider that there may be defects in the finish. That is not attributable to the product, but rather to the tool and technique used.	Microfiber or splatter free roller felt. Smooth Surface: 3/8" or 1/2" felt.
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#### Airless Application

Nozzle Size	0.38 – 0.53 mm
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Fan Angle	60°
Line Pressure	120 - 150 BAR

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

### Application conditions

Surface temperature	5°C - 40°C
Room Temperature	10°C - 40°C
Relative Humidity	10% - 85%

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

### Number of layers and thickness

Wet Film Thickness per layer	8 mils
Dry Film Thickness per layer	3 mils
Number of Coats	2

### DRYING TIMES

Touch-Dry	30 min
Time to recoat	4 h – open
Time to float	At least 8 h
Full drying time	6 h

Drying times listed are under ideal conditions (Between 22-28°C temperature and 50 - 80% ambient humidity). These times are dependent on temperature, moisture, film thickness and dilution.

### NOTICE

- ✓ If you need more information, check our website <https://www.gruposur.com/asistencia/>
- ✓ Container must be kept out of reach of children, tightly closed in a ventilated place, away from sunlight or intense heat, between 20 and 30°C to avoid loss of its properties.  
Check that, between successive uses of this product, its container does not have problems and that its temperature its between 5 and 35 °C.  
Make sure the surface preparation (removal of grease, rust, etc.) is adequate, to avoid adhesion problems of the application system.

If you need to apply on surfaces previously coated with antifouling, contact our Technical Service to receive instructions on proper preparation.

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For epoxy primers, respect the time between coats between primer and antifouling (no more than 2.5 h) since, otherwise, the application and performance of the product will not be adequate.

For other primaries; If the time between primer coat, tie-coat (when required) and antifouling is not indicated (consult respective technical literature), primer should be sanded and a thin coat (1 - 1.5 mils) applied to reactivate the system and generate adequate adhesion between coats.

Make sure the antifouling is suitable for the type of boat, depending on the speed of the boat.

Respect the minimum time to float, otherwise the performance of the paint will be affected.

#### HEALTH

- ✓ This 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 store or our industrial compound in La Uruca, San Jose

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