

## DESCRIPTION

BECCSEA 12 ANTIFOULING is a tin-free antifoulant formulated with a specialized blend of polymers and biocides. Ablative product thanks to an exact balance of hydrophobic and hydrophilic resins. It can be used in environments with strict environmental standards. This product complies with the IMO Anti-fouling Systems Convention (AFS/CONF/26) regulations.

## USE

BECCSEA 12 ANTIFOULING is recommended for boat hulls sailing at moderate speeds in waters where most scale are generated. It must be applied on a suitable primary or on an old layer of compatible antifouling.

**STRUCTURE** Vessels

**SURFACE** Carbon Steel (Iron), Fiberglass

## PROPERTIES

### SPECIAL PROPERTIES

Single part

## PHYSICAL PROPERTIES

## DATA

Volume Solids (%)	52 – 56
Weight Solids (%)	70 – 74
Recommended Dry Thickness (in Mils)	6 mils (for 1 year of service)
Weight per gallon (kg/gal)	6.30 – 6.55
Theoretical yield (m <sup>2</sup> /gallon)	80 (@ 1 mil)
VOC (volatile organic compounds) (g/L)	441
Shelf life	12 Months

Definition of theoretical yield: Maximum surface that can be covered with a paint in ideal conditions. Practical yield varies depending on type of surface, tool used, applicator experience, and other factors. 1 mil = one-thousandth of an inch (0.0254 mm).

## CONTAINERS

These technical data were calculated under controlled laboratory conditions, but SUR QUÍMICA 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 QUÍMICA has made reasonable efforts to ensure the accuracy of the information provided herein, but assumes no liability for any errors, omissions or inaccuracies thereof. If there is any inconsistency between different language issues of this document, Spanish version will prevail.

# TECHNICAL INFORMATION

## BECCSEA 12 ANTIFOULING

521-83012-700



AVAILABLE CONTAINERS	AVAILABLE COLORS
¼ gallon can (0.946 Lt.)	Red 307
1 gallon can (3.785 Lt.)	Black 700
5-gallon bucket (18.925 Lt.)	Blue 500

### SURFACE PREPARATION

CONDITION	INSTRUCTION
<b>SURFACE PREPARATION:</b>	The surface to be painted must be free of rust, grease, dust or any other contaminant that may affect its performance.
<b>Primer:</b>	It should be applied on the appropriate primer for each surface:
<b>Concrete:</b>	Epobecc H.B Tie Coat (521-86061-720).
<b>Iron:</b>	Zinc -Tec Organic Primer HS (521-86053-720) Zinc -Tec Inorganic Primer HS (521-85051-720) ZINC TECH AQUA SILICATE PRIMER (521-85053-720) EPOBECC BOND EPOXY SELF PRIMING (521-86072-307).

### PRODUCT PREPARATION

COMPONENT	MIXING RATIO	MIXING INSTRUCTIONS
Product: 521-83012-700, BECCSEA 12 ANTIFOULING	<b>100 Parts</b>	Stir the product well before use, then add the diluent.
Diluent 510-83901-900 BECC SEA, REDUCER SPECIAL	<b>Max 25 Parts</b>	

### PRODUCT APPLICATION

#### APPLICATION TOOLS

BRUSH	Airless equipment	Conventional spray gun (gravity or suction)	Roller
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### Application with airless equipment

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Nozzle size	0.38 – 0.53 mm
Fan Angle	60°
Line pressure	120 – 150 BAR

The indicated data serve as a guide. It may be necessary to vary the outlet pressure and nozzle of the equipment to improve product application conditions.

### Application conditions

Surface temperature:	5°C to 35°C
Room temperature	5°C to 40°C
Relative Humidity:	10 % – 85 %

Surface temperature must be at least 3°C above dew point.

Number of layers and thickness	
Recommended Dry Thickness	6 mils
Wet thickness per coat	7 mils

After applying the last layer of Premier Epoxy, a period of no more than 2.5 hours should be given for the application of the first layer of anti-fouling.

### Drying time

Touch-Dry	30 min
Drying time to repaint	4 h – Unlimited
Total drying time	6 h
Time to float	8 h (minimum)

The mentioned drying times are under optimal conditions (between 22 – 28 °C temperature and 60 – 80% relative humidity). These times depend on temperature, humidity, paint film thickness and dilution.

### Application instructions

Apply the following coats of the intended paint system within the recommended repainting times. If the time between last layer of primer and the first layer of anti-fouling is not indicated (see drying times), that primer must be sanded and a thin layer (1 – 1.5 mils) of it applied to re-activate the system and generate adequate adhesion between layers.

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- ✓ If you need other information, visit our website at <https://www.gruposur.com/asistencia/>
  - ✓ Store this product in its original packaging, in a ventilated, indoor area.

### HEALTH

- ✓ If you need to dispose of empty packages of our products in Costa Rica, contact your SUR store or our industrial compound in La Uruca, San Jose.
- ✓ Application personnel must wear appropriate personal protective equipment, including gloves, goggles, and face mask with activated carbon filter.
- ✓ 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>

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