



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 International Convention on the Control of Harmful Anti-fouling standards (AFS/CONF/26).

USE

BECCSEA 12 ANTIFOULING is recommended for hulls of boats sailing at moderate speeds in waters where most scale are generated. It must be applied on a suitable primer or over 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 ² /gallon)	80 (@ 1mil)
VOC (volatile organic compounds) (g/L)	441
Shelf life	12 Months

Definition of theoretical yield: Maximum surface that can be coated 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

AVAILABLE COLORS

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TECHNICAL INFORMATION

BECCSEA 12 ANTIFOULING

521-83012-700



AVAILABLE CONTAINERS

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

SURFACE PREPARATION:

The surface to be painted must be free of rust, grease, dust or any other contaminant that may affect its performance.

Primer:

It should be applied on the appropriate primer for each surface:

Fiberglass:

BECC MARINE EPOXY TIE COAT (521-83261-720).

Iron:

BECC MARINE EPOXY SELF PRIMING (521-83200-751).

PRODUCT PREPARATION

COMPONENT

MIXING RATIO

MIXING INSTRUCTIONS

Product: 521-83012-700 BECCSEA 12
ANTIFOULING

100 Parts

Stir the product well before use, then add the diluent.

Diluent 510-83901-900 BECC SEA
REDUCER SPECIAL

Max 25%

PRODUCT APPLICATION

APPLICATION TOOLS

Brush

Airless equipment

Conventional spray
gun (gravity or
suction)

Roller

Application with airless equipment

Nozzle size

0.38 – 0.53 mm

Fan Angle

60°

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Line pressure	120 – 150 BAR
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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)

These 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 time between last layer of primer and the first layer of anti-fouling is other than indicated (see drying times), that primer coat should be sanded and a thin layer (1 – 1.5 mils) of that primer applied to re-activate the system and generate an adequate adhesion between layers.

NOTICE:

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

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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 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>

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