

### DESCRIPTION

BECCPOX 26 and BECCURE 623/624/625/626 is a two-part, 100% solids epoxy system that, due to its versatility, can be used for both closed molding and self-leveling open pouring applications. Due to its high impermeability and resistance to constant immersion in fresh or salt water, it is ideal for shipbuilding.

### USE

#### Types

BECCPOX 26 have various uses and, depending on these, the respective Component B must be selected.

-For structural use (boats, wind tower propellers): use BECCURE 623 or BECCURE 625 as Component B.

-For handicrafts or surfboards: appropriate Component B is BECCURE 624 or BECCURE 626.

-For components B 624 and 626, ARTI SUR dyes (522-13495-000) can be used (see product preparation) to give different vivid colors to all manufactured elements.

#### Mixing:

Use a container graduated in ounces or in mL to measure components.

Stir both components (A and B) in their respective containers prior to pouring.

First, pour the appropriate volume of Component B and then pour indicated parts of Component A.

Mix slowly without forming a swirl, and incorporate any drops left in the walls and bottom of the measuring vessel, cleaning the stirring paddle against the container walls each time so that nothing remains unhomogenized.

The mixture is ready when all the product is translucent without any threads or streaks. Leave 5 minutes of induction time and then pour it into the application spot.

When the product has completely leveled and some bubbles remain, you can quickly pass a torch flame at some 10 cm distance without generating heat, simply to release the bubbles.

#### Application and preparation between layers:

Consider that, with Component B catalyst 00624, half a centimeter per layer must be applied, with 00626 is one centimeter per layer.

After 5 hours and before 8 hours it can be followed with another layer without previous sanding.

But if 8 hours have elapsed, it must be sanded lightly to generate adhesion. In 24 hours or more, you can sand and polish for a premium finish.

**Line** Industrial/Professional Line

### PROPERTIES

#### PHYSICAL PROPERTIES

#### DATA

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

## BECCPOX 26

555-51026-900



Shelf life	Three months under regulated storage conditions.
Volume Solids (%)	100
Weight Solids (%)	100
Weight per gallon (kg/gal)	4.35 – 4.45
Brookfield Viscosity (cPs)	10,000 – 14,000
Gel Time (Structural) (min)	15 – 20
Gel Time (Craft) (min)	35 – 45

### CONTAINERS

#### AVAILABLE CONTAINERS

¼ gallon plastic container = 1.1 kg

1-gallon plastic container = 4.4 kg

242 kg. metal drum

### SURFACE PREPARATION

#### CONDITION

#### INSTRUCTION

**Clean the mold:**

Properly clean the mold of the element to be manufactured, ensuring that it is free of contaminants.

### PRODUCT PREPARATION

#### COMPONENT

#### MIXING RATIO

#### MIXING INSTRUCTIONS

COMPONENT A: 555-51026-900  
BECCPOX 26

**100 parts by volume**

Mix component A with the chosen component B in the indicated mixing ratio and stir until a homogeneous mixture is obtained.

COMPONENT B: 555-00623-900 BECCURE  
623

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## BECCPOX 26

555-51026-900



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COMPONENT B: 555-00624-900 BECCURE **100 parts by volume** 624

ARTISUR dyes (522-13495-000) can be used with BECCURE 624 component, considering adding 1% of dye in a maximum of 100 ml per volume of mixture. Example: 100 ml of mixture per 1 ml of dye, equal to 36 drops. According to the container: The dyes that can be used are: 1349570052 black, 1349519052 yellow, 1349550052 blue, 1349510052 lemon yellow, 1349500052 white, 1349560052 green.

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COMPONENT B: 555-00625-900 BECCURE **50 parts by volume** 625

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COMPONENT B: 555-00626-900 BECCURE **50 parts by volume** 626

ARTISUR dyes (522-13495-000) we can use it with BECCURE 626 component, considering to add 1% of dye in a maximum of 100 ml per volume of mixture. Example: 100 ml of mixture per 1 ml of dye, equal to 36 drops. According to the container: The dyes that can be used are 1349570052 black, 1349519052 yellow, 1349550052 blue, 1349510052 lemon yellow, 1349500052 white, 1349560052 green.

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## PRODUCT APPLICATION

### APPLICATION TOOLS

BRUSH                      Spatula

### Application instructions

Apply the catalysed resin to the mould to make it self-levelling.

Apply within 22 – 28°C temperature and 50 – 80% relative humidity.

To apply on wood, its moisture content should not be over 16 %.

Consider that some woods release natural saps or resins when the product generates a reaction on the wood.

Substrate must be free of any product that is not compatible with this resin and check for contamination, moisture, or solvents that can affect drying. Have just one container calibrated in mL or liquid ounces for mixing.

For the best resin leveling, a spatula or putty knife can be used to accommodate the product on the mold.

### NOTICE:

- ✓ If you need other information, visit our website at <https://www.gruposur.com/asistencia/>
- ✓ Store this product in its original container between 20°C and 30°C, in a dry, ventilated place, out of the reach of children.

### 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.
- ✓ The user of this product may need the appropriate Personal Protective Equipment, as described in the respective Safety Data Sheet (MSDS), available on our website <http://www.gruposur.com>

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