

# TECHNICAL INFORMATION

## BECCTHANE YACHT FINISH

### Polysiloxane Top Coat

521-81074-000



#### DESCRIPTION

BECC FINISH YACHT is a glossy finish having excellent adhesion on surfaces that have received an epoxy base.

It provides high resistance to sudden changes in temperature and other conditions of the marine environment.

#### USE

Specially designed as a finish on steel, aluminum or fiberglass surfaces, placed above waterline on yachts, sporting or pleasure boats.

<b>Structure</b>	Ships
<b>Exterior/Interior</b>	Indoor, Outdoor, Roofed Exterior walls
<b>Surface</b>	Steel, Aluminum, Galvanized
<b>Product line</b>	Professional/industrial Line

#### CHARACTERISTICS

##### SPECIAL PROPERTIES

**High UV Resistance**

**Requires a previous primer**

**High Gloss**

#### PHYSICAL PROPERTY

#### DATA

Volume Solids (%)	44 - 46
Specific Density	1.34 - 1.41
Pot life @ 20 °C.	6 h
Weight Solids of the mix (%)	54 - 58
Weight per Gallon (kg/gal)	4.88 to 4.98
Stormer Krebs Viscosity (Ku)	60-70
Theoretical Yield (m <sup>2</sup> /Gallon)	67.5 m <sup>2</sup> @ 1 mil
Maximum Service Temperature (°C)	120°C
Shelf Life	Component A: 12 months Component B: 6 months
Recommended Dry Film Thickness	2 - 3 mils
VOC (grams/liter)	510-550

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 a paint can cover under ideal conditions. Practical performance varies depending on type of surface, used tool, applicator experience and other factors. 1 mil = 0.0254 mm.

#### PRESENTATION

##### AVAILABLE PRESENTATIONS

521-81074-000, 1 gallon can (3.785 Lt.)

521-81074-999, 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.

##### Primer:

Apply over the proper primer for each surface.

##### Fiberglass or Aluminum:

EPX Tie Coat 521-86062-720

#### PRODUCT PREPARATION

##### COMPONENT

##### MIXING RATIO

##### MIXING INSTRUCTIONS

Component A : 521-81074-000 BECCTHANE YACHT FINISH

**2 Parts**

Mix Component A and B as directed, then add diluent.

Component B : 521-81074-999 PART B BECCTHANE YACHT FINISH

**1 Part**

Diluent : 510-80014-900 BECCTHANE YACHT THINNER **max. 25%**

INDUCTION TIME : Does not require

#### PRODUCT APPLICATION

##### IT CAN BE APPLIED WITH



Airless spray



Brush



Spray gun (gravity or suction feed)

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#### Airless spray application

Nozzle size	1.8 mm
Fan Angle	60°
Dry Coat Thickness	1.5 mils
Line Pressure	40 PSI

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	120 min.
Recoat time	10-45 min
Curing Time (days)	7 d

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

- ✓ If you need more information, one of our technicians will assist you. Call 800-SUR-2000 or email us at [customerservice@gruposur.com](mailto:customerservice@gruposur.com)
- ✓ 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

- ✓ The user of this product may need the 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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