

TECHNICAL INFORMATION

BECCSHELL F.D. ESMALTE ALQUÍDICO

Glossy Alkyd Enamel

521-82072-000



DESCRIPTION

BECCSHELL FD Esmalte Alquidico is a single component alkyd enamel that cures at room temperatures, providing a very high glossy finish. In addition, this product has a very fast drying.

USE

BECCSHELL FD Esmalte Alquídico is recommended as a finish in boats above waterline, in industrial machines and over any metal surface in moderate marine or industrial environment.

Structure	Exterior tank walls, Fences, screens, grills and gates, Metallic Structures, Ships, Structural elements (column, trusses, etc.)
Exterior/Interior	Indoor, Outdoor, Roofed Exterior walls
Surface	Aluminum, Fiberglass, Steel
Product line	Professional/industrial Line

CHARACTERISTICS

ASSESSMENT

<u>Finish</u>	<u>Glossy</u>
<u>Fast Dry</u>	
<u>Requires a previous primer</u>	
<u>Single component</u>	

PHYSICAL PROPERTY

DATA

Volume Solids (%)	50 - 53
Weight solids (%)	64-66
Weight per Gallon (kg/Gl)	4.60 to 4.70
Stormer Krebs Viscosity (Ku)	80-85
Theoretical Yield (m ² /Gallon)	76 m ² @ 1,5 mils
Maximum Service Temperature (°C)	90
Shelf Life	24 months

This product should be applied by qualified personnel using professional equipment. Technical data was calculated under controlled laboratory conditions, but SUR QUIMICA has no control over conditions, tools, applicator's skills, selection, preparation or compatibility of products used; therefore can only guarantee this product's 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.



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Recommended Dry Film Thickness 2.5 mils

VOC (grams/liter) 418

Definition of theoretical yield: Maximum surface that a paint can cover under ideal conditions. The practical performance varies depending on the type of surface used tool, applicator experience and other factors. 1 mil = 0.0254 mm.

Note: Values Measured for white color

PRESENTATION

AVAILABLE PRESENTATIONS

1 gallon can (3.785 lt)

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.

Hierro negro:

Beccgard FD Primer 521-82054-307.

Concrete or Fiberglass

Epobecc H.B.Tie Coat 521-86061-720

PRODUCT PREPARATION

COMPONENT

MIXING RATIO

MIXING INSTRUCTIONS

Product: 521-82072-000 - BECCSHELL F.D. ESMALTE ALQUÍDICO

100 parts

Before use, mix thoroughly and then add diluent.

Diluent: 510-80001-900 - BECC DILUYENTE ESPECIAL max. 20 %

PRODUCT APPLICATION

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IT CAN BE APPLIED WITH



Airless spray



Brush



Roller



Spray gun (gravity or suction feed)

Airless spray application

Nozzle size. 0.38 to 0.53 mm

Fan Angle 30° – 60°

Dry Coat Thickness 1.5 mils

Wet Film Thickness 3 mils

Line Pressure 120-150 BAR

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 15 min

Recoat time 6 hours – Unlimited

Curing Time (days) 7 d

Dry times are based in normal application, temperature, film thickness and dilution conditions and are provided to serve as a guide. If necessary to apply a second coat, or the next layer of the paint system, observe the recommended drying times.

OBSERVATIONS

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

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- ✓ 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

- ✓ Application personnel should use appropriate personal protective equipment, including safety gloves, goggles and activated charcoal respirator.
- ✓ 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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