

521-87072-000

DESCRIPTION

AQUABECC ENAMEL a single component glossy finish, made on acrylic resins and water-dilutable. It has a high gloss, excellent adhesion and fast drying.

USE

AQUABECC ENAMEL can be used on galvanised iron surfaces, such as roofs, gutters, downspouts, exterior tank walls and general metallic structures. It should be applied over a suitable primer (Aquabec Primer (521-87052-307)).

Structure	Exterior pipes, exterior tank walls, Metallic Structures, Structural elements (column, trusses, etc.)
Exterior/Interior	Indoors, Outdoors
Surface	Galvanised Steel
Product line	Professional/industrial Line

CHARACTERISTICS

ASSESSMENT

Finish	Glossy
Excellent Adherence over Galvanized Steel	
Free of strong odors	
Requires a previous primer	
One-component	
High Gloss	

PHYSICAL PROPERTY

DATA

Volume Solids (%)	36 - 37
Specific Density	1.13
Weight solids (%)	46-47

These technical data were calculated under controlled laboratory conditions, but SUR QUIMICA has no control over the conditions, tools, the skills of the applicator, or over the selection, preparation or compatibility of the 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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Weight per Gallon (kg/Gl)	4.3
Stormer Krebs Viscosity (Ku)	95-105
Theoretical Yield (m ² /Gallon)	36 - 37 m ² @ 1,5 mils
Shelf Life	12 months
Maximum Service Temperature (°C)	90
Recommended Dry Film Thickness	2.5 to 3 mil
VOC (grams/liter)	296

Definition of theoretical yield: Maximum surface that can be covered with a painting 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)

1 gallon can = 3,785 Lt

AVAILABLE COLORS

RAL Color Chart

SURFACE PREPARATION

CONDITION	INSTRUCTION
Surface Preparation	Surface should be free of rust, grease, dust or any other contaminant that can affect the coating adherence or performance.
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).
Metal Cleaning	New steel or iron surfaces should be cleaned with SUR Degreaser 330-900.
Primer:	Apply over the proper primer for each surface.
Galvanised Steel	Aquabecc Primer (521-87052-307).

PRODUCT PREPARATION



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COMPONENT	MIXING RATIO	MIXING INSTRUCTIONS
Product: 521-87072-000 – AQUABECC ENAMEL	100 parts	Stir the content and add diluent.
Diluent: 0 – Water	max. 15 parts	

PRODUCT APPLICATION

IT CAN BE APPLIED WITH

			
Airless spray	Brush	Roller	Spray gun (gravity or suction feed)

Airless spray application

Nozzle size.	.40-.50 mm
Fan Angle	50°
Dry Coat Thickness	1.5 mils
Wet Film Thickness	4 – 5 mils
Line Pressure	110-140 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	30 min
Recoat time	1.5 h – Unlimited
Curing Time (days)	1

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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
- ✓ Keep out of reach of children.
- ✓ Container must be kept tightly closed in a ventilated place, between 20 and 30°C to avoid loss of its properties.
- ✓
- ✓

HEALTH

- ✓ Application personnel should use appropriate personal protective equipment, including safety gloves, goggles and activated charcoal respirator, as described in its Safety data Sheet (MSDS), available at 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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