

TECHNICAL INFORMATION

EPOBECC AQ PRIMER

521-87055-307



DESCRIPTION

Epobecc AQ Primer is a two-part, water-based, general-purpose epoxy primer with environmentally friendly, low-odor, and anti-corrosive properties. This product must be coated with compatible epoxy or polyurethane finishes.

USE

Epobecc AQ PRIMER can be used as an anticorrosive base on carbon steel surfaces, such as structures, tank walls and, in general, in places where there are strict environmental regulations.

Structure	Structural elements (columns, trusses, etc.), metallic structure, tank external walls, aerial pipes, fences, grills, gates
Interior/Exterior	Exterior, Interior
Surface	Carbon steel
Line	Industrial/Profesional nLine

FEATURES

SPECIAL PROPERTIES

Finish	Matt
Excellent Adherence	
Primer	
Anti rust	Yes

PHYSICAL PROPERTIES

DATOS

Volume solids (%)	49 – 53
Weight Solids (%)	60 – 64
Weight per gallon – Component A (kg)	4.8 – 4.9
Pot life @ 20°C	8 hours
Viscosity Stormer Krebs (Ku)	115 – 125 (Component A)
Theoretical Yield (m ² /gallon)	77m ² @ 1 mil
Shelf Life	Component A: 24 months Component B: 24 months

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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Recommended dry film thickness	2 - 3 mils
Salt Spray resistance (ASTM-B117)	3500 hours (as part of a coating system)
Tape test adhesion (ASTM D-3359)	4B
VOCs (grams/liter)	20

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

Component A: 521-87055-307. 3.22 Lt. (in 1 gallon container filled to 5/6 of capacity for an easier catalysis)

Component B: 521-87055-999. 0.526 Lt. (in ¼ gallon container filled to 5/9 capacity for an easier catalysis).

AVAILABLE COLORS

Red 307

SURFACE PREPARATION

CONDITION	INSTRUCTIONS
Surface Preparation	Surface should be free of rust, grease, dust or any other contaminant that may affect its performance.
NACE Standard	Use NACE standard, SSPC (Steel Structure Painting Council), or our own BECC Manual of Graphic Patterns for preparing steel surfaces.
Recommended Cleaning	Abrasive blast cleaning to SSPC-SP5 or SP10 standard.
Minimum cleaning	Using steel brush or rotary sander, clean the surface to SSPC-SP2 or SP3 standard, as indicated by the Steel Structures Painting Council

PRODUCT PREPARATION

COMPONENT	MIXING RATIO	MIXING INSTRUCTIONS
Component A: 521-87055-307, EPOBECC AQ PRIMER	6 parts	Stir well before use

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Component B:521-87055-999, EPOBECC AQ 1 part
PRIMER COMPONENT B

Mix both components as indicated, wait for the induction time and apply.

Diluent: Tap Water 10% maximum

Shake the container until product is completely homogeneous.

Induction Time: 20 minutes

PRODUCT APPLICATION

It can be applied with

Brush Airless equipment Air Spray (suction or gravity feed) Roller

Airless Application

Nozzle Size	0.38 mm (0.015") - 0.43 mm (0.017")
Fan Angle	60° - 80°
Dry film thickness per coat	2.5 mils
Wet film thickness per coat	5 mils
Line Pressure	2300 psi

These are reference values. Some value may be slightly adjusted by the professional applicator as field conditions dictate.

Application Conditions

Room Temperature	5°C - 35°C
Surface Temperature	10°C - 40°C
Relative humidity	10% - 85%

Surface temperature should be at least 3°C above dew point.

Drying Times

Touch-dry time	30 minutes
Dry to recoat time	2 - 24 hours

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Days to complete dry

7 days

These drying times are under optimal conditions (between 22 – 28°C temperature and 60 – 80% relative humidity). These times depend on the temperature, humidity, thickness of the paint film and dilution.

OBSERVATIONS

- ✓ If you need more information, check our website <https://www.gruposur.com/asistencia/>
- ✓ Keep container tightly closed in a ventilated place, between 20 and 30 °C, out of reach of children.

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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