TECHNICAL INFORMATION

AQUABECC PRIMER

Acrylic Primer

521-87052-307

DESCRIPTION

AQUABECC PRIMER is a water-base coating specially formulated to protect iron thanks to its innovative features that make it superior to conventional corrosion inhibitors. Its quick drying prevents mold formation, has excellent adhesion and low VOC.

USE

AQUABECC PRIMER can be used as an anticorrosive base or as a finish on mechanical structures and piping, especially on galvanized iron.

Structure	Exterior pipes, fences, screens, grills and gates, Metallic Structures, Structural elements (column, trusses, etc.)
Exterior/Interior	Indoors, Outdoor
Surface	Steel
Product line	Professional/industrial Line

CHARACTERISTICS

ASSESSMENT

Excellent Adherence over Galvanized Steel	
Free of strong odors	
Primer	
One component	
Finish	Matte
Anti Corrosive	Yes

PHYSICAL PROPERTY	DATA
Volume Solids (%)	40-44
Weight solids (%)	53-55
Weight per Gallon (kg/Gl)	4.9
Stormer Krebs Viscosity (Ku)	95-105

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Theoretical Yield (m²/Gallon)	40 - 42 m² @ 1,5 mils
Maximum Service Temperature (°C)	90
Shelf Life	12 months
Recommended Dry Film Thickness	1 - 3 mils
VOC (grams/liter)	102

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

PRESENTATION

AVAILABLE PRESENTATIONS	AVAILABLE COLORS
1 gl metal can (3.785 lt)	Red

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.
Metal Cleaning	New steel or iron surfaces should be cleaned with Desengrasante SUR 330-900.
Mechanical cleaning	Use hand or power tools to clean surface up to a SSPC (Standard Steel Structures Painting Council) SP2 or SP3 Cleaning Standard.
Abrasive blast Cleaning	Clean with abrasive blast to get a SSPC (Standard Steel Structures Painting Council) SP5 o SP10 cleaning standard.

PRODUCT PREPARATION

COMPONENT	MIXING RATIO	MIXING INSTRUCTIONS
Product: 521-87052-307 - AQUABECCC PRIMER	**100%**	Before use, mix thoroughly and then add diluent.

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Diluent: 0 - Water	**max. 15 %**	Measured by volume.

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	3,66 mils
Line Pressure	110-140 BAR
Application conditions	
Surface Temperature	41°F - 95°F
Room Temperature	50°F - 104°F
Relative Humidity	10% - 85%
Surface temperature should be at least 3°C (5°F) over dew point.	
Drying times	
Dry-to-Touch Time	10 - 15 minutes
Recoat time	1.5 h - Unlimited
Curing Time (hours)	24 h
Drying times listed are under ideal conditions (Between 72 - 82°F 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 container tightly closed in a ventilated place, between 68 and 86°F, 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. For more details, read the respective 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.