



TECHNICAL INFORMATION

BESS ANTICORROSIVE

506-02410-000

DESCRIPTION

BESS ANTICORROSIVE is a coating that provide an adequate anti corrosive barrier protection. It has good hiding power, excellent leveling and easy application.

USE

This product can be applied on iron surfaces in moderately aggressive environments.

Structure	Metallic Structures, Gates, structural elements (column, trusses, etc.)
Surface	Steel

CHARACTERISTICS

ASSESSMENT

Finish	Satin
Hiding power	● ● ● ● ●
Weather resistance	● ● ●

PHYSICAL PROPERTY

DATA

Weight solids (%)	21 - 23
Weight per Gallon (kg/gal)	3.6 - 3.8
Volume Solids (%)	17 - 19
Stormer Krebs Viscosity (Ku)	100 - 110
Theoretical Yield (m ² /Gallon)	18 m ² @ 1,5 mils

Definition of theoretical yield: Maximum surface that 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.

Note: Values Measured for white color

Note: values expressed in a 1 to 5 scale, where 5 is better

These technical data were calculated under controlled laboratory conditions, but SUR QUIMICA has no control over conditions, tools, applicator skills, selection, preparation or products compatibility; 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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PRESENTATION

AVAILABLE PRESENTATIONS

1 gallon can (3.785 Lt.)

5 gallon bucket (18.925 Lt.)

AVAILABLE COLORS

White 000

Black 700

Red oxide 309

Green 665

SURFACE PREPARATION

CONDITION

INSTRUCTION

Cleaning the surface

Before applying this product, remove any dirt, such as dust, grease or other contaminants, as this will affect the adhesion or performance of the finish.

Remove badly adhered paint with a spatula, sandpaper, brooms or compressed air and smooth the irregularities (steps) where paint was removed.

New iron

Wash and degrease the surface, let it dry completely and then apply a coat of an anticorrosive primer
Finally apply this finish.

Corroded Iron

Surfaces with corrosion spots should be cleaned with steel brush or sandpaper to remove rust.

Remove residual dust without using water.

If certain areas cannot be properly prepared due to their difficult access, apply a coat of CORROSTOP RUST CONVERTER 375-013 by patching (only in the affected areas).

Leave on for 4 hours and then apply a layer of CORROSTOP TYPE MINIO RED II 9000-351 anticorrosive by patching (only in the affected areas).
Finally apply this finish.

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PRODUCT PREPARATION

COMPONENT	MIXING RATIO	MIXING INSTRUCTIONS
Product: 506-02410-000 - BESS ANTICORROSIVE	100%	Stir before use
Diluent - ODORLESS Diluent	10 - 15%	

PRODUCT APPLICATION

IT CAN BE APPLIED WITH

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

Brushing

Use with natural or synthetic brushes that does not detach bristles.

Roller application

Microfiber or anti drip felt.

Smooth surface: 3/8" or 1/2" felt.

Rough surface: 3/4" felt.

Application by air spray

Nozzle	1.3 mm
Pressure	35 psi

Airless spray application

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Nozzle	# 517
Pressure	1500 psi

Application conditions

Do not paint very hot surfaces or directly exposed to the sun, the paint will evaporate very fast and that will impair adherence and durability.

Do not apply when ambient humidity exceeds 85% or in a rainy day, because it would alter some characteristics of the application or the performance of the product.

Number of layers and thickness

Dry Coat Thickness	1,5 mils
Number of Coats	2 at least

Drying times

Dry-to-Touch Time	3,5 hours
Recoat time	4,5 hours
Total drying time	7 - 10 days

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

- ✓ Keep container tightly closed in a ventilated place, between 20 and 30 °C, out of reach of children.
- ✓ If you are using more than one container, you should mix them before, for a better color match.
- ✓ Do not wash a painted surface with abrasive detergent, it's better to use enough clean water, liquid soap and a soft sponge
- ✓ If you need more information, one of our technicians will assist you. Call 800-SUR-2000 or email us at customerservice@gruposur.com

HEALTH

- ✓ User may need to wear the appropriate personal protective equipment, as detailed in this product's Safety Data Sheet (MSDS), which is 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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