

# TECHNICAL INFORMATION

## ESMALTE FAST DRY

507-10000-000



### DESCRIPTION

ESMALTE FAST DRY is formulated from alkyd resins of excellent quality. It has high resistance to abrasion, fast drying, good performance, excellent hardness and great hiding power. Offers excellent weather resistance and durability, even in industrial environments.

### USE

This product can be applied on iron surfaces located indoors or outdoors.

<b>Structure</b>	Structural elements (columns, trusses, etc.), Metallic structure, aerial piping, gates, meshes, grills and fences.
<b>Exterior/Interior</b>	Outdoor, Roofed Outdoors, Indoor.
<b>Surface</b>	Carbon steel, concrete, brick
<b>Line</b>	Industrial/Professional

### CHARACTERISTICS

#### SPECIAL PROPERTIES

<b>Hiding Power</b>	● ● ● ● ○
<b>Weather resistance</b>	● ● ● ● ●
<b>Brillo</b>	● ● ● ● ●

#### PHYSICAL PROPERTY

#### DATA

Weight Solids (%)	64 - 66
Weight per gallon (kg/gal)	4.8 - 4.9
Volume solids (%)	51 - 53
Stormer Krebs Viscosity (Ku)	80 - 83
Theoretical yield (m <sup>2</sup> /gallon)	78m <sup>2</sup> @ 1 mil
Specular Gloss @ 60° (GU)	>90
Maximum Working Temperature (°C )	Max 80°C
VOC (Volatile Organic Compounds) (g/l)	462

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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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.

These data were measured in white paint, other colors may show a slight variation, mainly in VOC's percentage.

In some intense colors, this coating's yield may vary, as it increases the number of layers to apply.

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

### PRESENTATIONS

#### AVAILABLE CONTAINERS

¼ gallon metal can (0.946 lt)

1 gallon metal can (3.785 lt)

5 gallon plastic bucket (18.925 lt)

#### AVAILABLE COLORS

Blanco 000 (white)

Available in chart colors.

Special colors available on special demand

### SURFACE PREPARATION

#### CONDITION

#### INSTRUCTION

##### Surface Cleaning

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

Remove loose or peeling old paint film with the appropriate tools, and smooth uneven spots left by old coat of paint.

##### Concrete

All new surfaces must be fully cured, usually about 30 days (setting time), dry and clean.

Apply one layer of SELLADOR BLANCO 522-000 (White Sealer) and coat with this finish.

##### Gloss or satin areas

Clean and degrease all surface.

Apply a coat of SELLADOR BLANCO UNIVERSAL 524-000 (sealer) to ensure the adherence of any paint, either water or solvent base.

Then apply this finish.

##### New galvanized Steel

This product should not apply over new galvanized Steel.

##### Rust Iron

Rust spots should be cleaned with a steel brush or sandpaper to remove it.

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Remove residual dust (do not use water).

In areas that cannot be adequately prepared due to their difficult access, apply a layer of CORROSTOP CONVERTIDOR DE ÓXIDO 375-013 (rust converter) patching it (only on rust spots).

Allow it to act for 4 hours and then apply a coat of CORROSTOP TIPO MINIO ROJO II 9000-351 anticorrosive primer.

Finally, coat with this finish.

### Note

In case of raising damp, concrete dusting, alkalinity, mold, concrete efflorescence, cracks or fissures, request an assessment from our technical service, who will indicate the appropriate process to follow.

## PRODUCT PREPARATION

COMPONENT	MIXING RATIO	MIXING INSTRUCTIONS
Product: 507-10000-000, ESMALTE FAST DRY	100%	Stir well before use.
Diluent: 510-00456-900, DILUYENTE ODORLESS	15% maximum	Brush or roller application
Diluent: 510-00457-900 DILUYENTE 457	25% maximum	Air spray application

## PRODUCT APPLICATION

IT CAN BE APPLIED WITH

Conventional Air Spray (gravity or suction fed)      Brush      Roller

Air spray	
Nozzle	1.3 mm
Pressure	35 psi

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### Application conditions

Do not apply on hot surfaces or directly exposed to sunrays, paint will evaporate too soon and this will affect leveling, adhesion and durability.

Don't paint when humidity is over 85%, or in a rainy day.

### Number of layers and thickness

Dry Coat Thickness	1.5 mil
Number of Coats	2 or more

### Drying times

Dry-to-Touch Time	15 minutes
Re-coat time	Recoat is wet-on-wet, leaving at most 2 hours after the previous layer.
Full cure	7 to 10 days

### Application Instructions

Once the first coat applied, do not take more than two hours to apply the second.

This is due to its rapid drying, since the solvent in the second coat can cause removal of the product.

### OBSERVATIONS

- ✓ Keep container tightly closed in a ventilated place, between 20 and 30°C, out of reach of children.
- ✓ If you'll use more than one container, mix them in advance to correct any color differences.
- ✓ Do not wash a painted surface with abrasive detergents, it is better to use liquid detergent with enough water and a soft sponge.
- ✓ If you need more information, check our website <https://www.gruposur.com/asistencia/>

### HEALTH

- ✓ User may need to wear the appropriate Personal Protective Equipment, which is detailed in the respective 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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