

521-84054-800

### DESCRIPTION

ZINC-TECH GALVANIC is a zinc-rich anticorrosive, made from synthetic resins and pigments that allow it to provide an excellent cathodic protection against corrosion. Has galvanizing properties, which makes it far superior to conventional single part primers. Besides being an excellent anticorrosive base, Zinc-Tech Galvanic may be let exposed, performing as a finish. It has excellent adhesion and fast drying.

### USE

It can be used as an anti-corrosive base or as a high-performance finish on black or galvanized steel. It is recommended for industrial environments under moderate to severe aggressiveness.

<b>Structures</b>	Exterior pipes, Fences, screens, grills and gates. Metallic Structures, Structural elements (column, trusses, etc.)
<b>Exterior/Interior</b>	Indoor, Outdoor.
<b>Surface</b>	Steel
<b>Product line</b>	Professional/industrial Line

### CHARACTERISTICS

#### ASSESSMENT

Finish	Satin
Fast Dry	
Excellent Adherence over Galvanized Steel	
Single Part	
Anti Corrosive	Yes
Excellent cathodic protection	

#### PHYSICAL PROPERTY

#### DATA

Volume Solids (%)	40 - 44
Weight solids (%)	47 - 50
Weight per Gallon (kg/Gl)	4.45 to 4.65
Stormer Krebs Viscosity (Ku)	80 - 85
Theoretical Yield (m <sup>2</sup> /Gallon)	63m <sup>2</sup> @ 1.5 mils
Maximum Service Temperature (°C)	90
Shelf Life	24 months
Recommended Dry Film Thickness	1.5 - 2 mils
VOC (grams/liter)	604

t. 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 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).

### PRESENTATION

#### AVAILABLE PRESENTATIONS

¼ gallon metal can (0.946 lt)

1 gallon metal can (3.785 lt)

5-gallon bucket (18.925 lt)

#### AVAILABLE COLORS

Metallic Grey 800

### 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).

#### 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

For severe conditions, clean with abrasive blast to get a SSPC (Standard Steel Structures Painting Council) SP6 or SP10 cleaning standard.

### PRODUCT PREPARATION

#### COMPONENT

#### MIXING RATIO

#### MIXING INSTRUCTIONS

Product: 521-84054-800, ZINC -TECH GALVANIC

Stir well before use, add diluent and mix.

Diluent: 510-80001-900, BECC DILUYENTE max. 15% ESPECIAL

Stir thoroughly until homogeneous

### PRODUCT APPLICATION

#### IT CAN BE APPLIED WITH



Airless spray



Brush



Spray gun (gravity or suction feed)

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### Airless spray application

Nozzle size 0.38 mm (0.015") - 0,45 mm (0.017")

Fan Angle 60°

Dry Coat Thickness 2 mils

Wet Film Thickness 5 mils

These are reference values. Professional users can slightly adjust some value as indicated by field conditions.

Line Pressure 120-150 BAR

### Application conditions

Surface temperature should be at least 3 °C (6°F) over dew point.

Room Temperature 10°C - 40°C

Relative Humidity 10% - 85%

Surface Temperature 5°C - 35°C

### Drying times

Dry-to-Touch Time 5 - 15 min

Recoat time 20 min - Unlimited

Curing Time (days) 1

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, 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

- ✓ This is a professional/industrial product and it should be applied by properly trained personnel, wearing 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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