

# TECHNICAL INFORMATION

## TRAFFIC PAINT 407



511-00407-000

### DESCRIPTION

TRAFFIC PAINT 407 is a specialized paint for road marking, formulated from alkyd resins and chlorinated rubber, so it has special drying properties and resistance to abrasion. When mixed with glass microspheres, it produces a highly reflective finish.

Complies with Federal Standard T.T.P.115E TYPE III, equivalent to Federal Standard T.T.P. 115F TYPE I. Complies with Costa Rican INTECO Norm N°: INTE 11-02-01: 2015 Parte II [INTE Q44-2:2017].

### CHARACTERISTICS

#### ASSESSMENT

Hiding Power	● ● ● ●
Weather Resistance	● ● ● ●

PHYSICAL PROPERTY	DATA
Volume Solids (%)	53 - 58
Weight solids (%)	75 - 78
Weight per Gallon (kg/Gl)	5.90 - 6.20
Abrasion in liter of sand/mil: WHITE	76
Stormer Krebs Viscosity (Ku)	70 - 80
Theoretical Yield (m <sup>2</sup> /Gallon)	78
Total Pigment Content (%) (ASTM D-4451)	55 - 60
Abrasion in liters of sand/mil: YELLOW	44
Abrasion in liters of sand/mil: BLACK	96
Chlorinated rubber content	More tan 17%
Volatile Organic compounds (VOC) g/l	373 - 383
Shelf life	24 months

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 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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### PRESENTATION

#### AVAILABLE PRESENTATIONS

1 gal. can (3.785 lt)

5 gal. bucket (18.925 lt)

#### AVAILABLE COLORS

White RAL 9016

Yellow 100

Red D21

Blue G99

Green 600

Black 700

### SURFACE PREPARATION

#### CONDITION

#### INSTRUCTION

New Asphalt Surfaces

New asphalt pavement surfaces must be fully cured before applying this product, therefore, check with the asphalt compound supplier for its curing time.

Surface Preparation

In Costa Rica: Follow guidelines of INTE Q46:3017/Enm:2018, "Guía de Buenas Prácticas para la Demarcación Horizontal".  
To ensure adherence, surface must be dry, clean, dust-free, dirt, grease, oil stains or any other type of contaminant.  
Presence of sealants in new concrete may impair adhesion, so they should be removed with abrasive methods, such as scarification.  
All residues of badly adhering paint must be removed by hand or power tools.  
Surface deterioration, such as patches, exposed holes, dusting, exudation, rutting and other surface defects can reduce useful life of road marking paint.

### PRODUCT PREPARATION

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COMPONENT	MIXING RATIO	MIXING INSTRUCTIONS
Product: 511-00407-000, TRAFFIC PAINT T.T.P. 115 E Tipo III	<b>100 parts</b>	Mix well before use.
Diluent: 510-00456-900 - ODORLESS	<b>10 - 15 parts</b>	On concrete, at higher temperatures: add from 10 to 15 parts
Diluent: 510-00457-900 - Diluent 457	<b>10 - 15 parts</b>	On asphalt: Add from 10 to 15 parts.

### PRODUCT APPLICATION

#### IT CAN BE APPLIED WITH



Airless spray



Brush



Roller



Spray gun (gravity or suction feed)

### Application conditions

Do not apply on wet surfaces, when relative humidity is over 85% or temperature is below 5°C.

### Number of layers and thickness

Maximum recommended thickness.

Road demarcation line: 15 mils dry.  
Other Areas (parking lots): 5 - 10 mils.

Minimum recommended thickness.

5 - 15 mils

### Drying times

No-Pick-up time, 15 minutes or less

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.

### Application Instructions

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Before and during use, stir manually to maintain uniform consistency.

In cold, humid weather, drying times will be longer.

### OBSERVATIONS

- ✓ If you need more information, check our website <https://www.gruposur.com/asistencia/>
- ✓ Stock in its closed container, between 20°C – 35 °C in a dry, aired place, away from direct sunlight.

### HEALTH

- ✓ The user of this product may need to wear the appropriate Personal Protection Equipment (PPE), as described in its Safety data Sheet (MSDS), available at <http://www.gruposur.com>
- ✓ Dispose of residues or empty containers following local regulations. In Costa Rica, contact your SUR Color paint store or our industrial compound in La Uruca, San Jose.

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