

# TECHNICAL INFORMATION

## KLASS ETCHING PRIMER

509-31451-600



### DESCRIPTION



Primer with a great anchor pattern on substrates such as steel, aluminum, galvanized or zincor. Being an activator based on phosphoric acid, it guarantees chemical etching on metal, and its special pigments also provide great antirust protection, far superior to a conventional primer.



**Containers**

16 Fl. Oz, ¼ Gallon, 1 gallon

**Available Colors**

Greenish yellow

### SURFACE PREPARATION



Before application, surface must be free of dust, grease, oil, waxes, or any other contaminants that can affect product adherence.



**SUBSTRATE**

**FIRST CLEANING**

**SANDING**

**AFTER CLEANING**

**ADHERENCE ENHANCER**

Iron

330 - 900

180-220/P180-P220

330 - 900

N/A



Aluminum

330 - 900

180-220/P180-P220

330 - 900

N/A

Galvanized Steel

330 - 900

Gray Fiber

330 - 900

N/A

OEM Finish

N/A

N/A

N/A

N/A

Replacement Part

N/A

N/A

N/A

N/A

Paintable Plastic

N/A

N/A

N/A

N/A

### COMPONENTS AND MIXING RATIOS



Add only the recommended components. Use KLASS measuring rule for a correct mix.



**MIXING RATIO**

**HARDENER**

**DILUENT**

Product 100 Parts

716-900

491-900



Activator 100 Parts

Diluent 30 Parts

Mix ratio (1:1:20%)

Application Viscosity

14 seconds, DIN Cup #4

Pot Life:

48 hours @ 20°C

### APPLICATION EQUIPMENT



For better results, use recommended nozzle size and pressure.

Air Spray

Nozzle

Pressure (PSI)

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.

# TECHNICAL INFORMATION

## KLASS ETCHING PRIMER



509-31451-600



|                           |        |                      |
|---------------------------|--------|----------------------|
| Conventional Suction Feed | 1.3 mm | 40 – 45              |
| Standard Gravity Feed     | 1.3 mm | 40 – 45              |
| Gravity Feed HVLP         | 1.3 mm | 50 input – 10 output |

### PRODUCT APPLICATION



| Number of coats | Time Between Coats | Dry Film Thickness |
|-----------------|--------------------|--------------------|
| 1 (semi-wet)    | N/A                | 0.5 mil (max)      |



### Drying Times



Data measured at 20°C (68°F).



| Drying                  | TIME       | Forced drying        | TIME |
|-------------------------|------------|----------------------|------|
| Dust dry                | 5 min      | Oven @ 60°C:         | N/A  |
| Touch Dry               | 10 minutes | Medium wave infrared | N/A  |
| Dry-to-sand             | N/A        | Short wave infrared  | N/A  |
| Before the next product | 10 minutes |                      |      |
| Dry to retouch          | N/A        |                      |      |

### SANDING



| SANDING METHOD     | # GRIT | FEPA GRIT |
|--------------------|--------|-----------|
| Wet sand by hand   | N/A    | N/A       |
| Dry sand by hand   | N/A    | N/A       |
| Power sanding, dry | N/A    | N/A       |



### OBSERVATIONS

- Do not exceed the film thickness recommended in the APPLICATION section.
- Do not apply polyester putty over this product.
- Use this product only on bare metal.
- It does not require sanding, but if left for more than 24 hours without coating, sand with #600 grit and apply another layer of product, observing film thickness.
- Keep the mixed product in a tightly covered plastic container for up to 48 hours.

### STORAGE, HEALTH AND SAFETY

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.

# TECHNICAL INFORMATION

## KLASS ETCHING PRIMER



509-31451-600



Keep this product stored for a short period, in dry environment, between 50°F and 95°F.  
Read and understand all safety instructions on label.



Never add other components than those indicated on this sheet. Doing so may affect its performance and voids all warranties.



If you need more information, check our website <https://www.gruposur.com/asistencia/>

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>

Handle activator of this product very carefully, it contains phosphoric acid.

Dispose of waste in accordance with local laws and regulations.

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.

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.