



## TECHNICAL DATA SHEET

### COSMO-PRIM

### INDUSTRIAL PRIMER FOR GALVANIZED STEEL, ALUMINUM, METAL



#### DESCRIPTION:

COSMO-PRIM is a premium quality industrial primer formulated with quick-drying and good adhesion thermoplastic acrylic resins, along with the highest quality industrial raw materials. It has excellent adhesion on ferrous and non-ferrous metals, galvanized steel and aluminum. Its use is recommended for total or section-repainting of bodies, trailers, containers and in any other application where an adherent base with good corrosion protection and high-filling capacity is required.

#### APPLICATIONS:

COSMO-PRIM is an industrial primer formulated to be applied on properly conditioned ferrous and non-ferrous metals, galvanized steel and aluminum. It is not recommended for chrome metals or polyolefin plastics.

#### TECHNICAL SPECIFICATIONS:

ITEM	SPECIFICATION	CHARACTERISTIC
1	TYPE	THERMOPLASTIC ACRYLIC
2	FINISH	SEMI-MATTE
3	COLORS	WHITE, MILITARY GREEN, GRAY
4	SOLIDS BY WEIGHT	41% ± 1
5	SOLIDS IN VOLUME	28% ± 1
6	THEORETICAL PERFORMANCE	215.3 sq ft (20 m <sup>2</sup> PER GALLON)

7	RECOMMENDED SUBSTRATES	FERROUS METAL, NON-FERROUS METAL, ALUMINUM, GALVANIZED STEEL
8	APPLICATION METHOD	CONVENTIONAL, SUCTION OR GRAVITY GUN
9	NON-RECOMMENDED SUBSTRATES	CHROME METALS POLYOLEFIN PLASTICS
10	THINNER	COSMO PRIM ACTIVATOR
11	MIX	01 PART ONE 01 COSMO PRIM ACTIVATOR
12	APPLICATION PRESSURE	35 – 40 PSI
13	TOUCH DRY	15 – 20 min
14	HARD DRYING	12 hrs
15	REPAINTING	30 – 40 min (DEPENDING ON ENVIRONMENTAL CONDITIONS)
16	THICKNESS	2.0 – 2.5 Mils / COAT (DRY FILM)
17	FORCED DRYING 167 °F / 75 °C	NOT RECOMMENDED
18	STORAGE	12 MONTHS UNDER SHADE (68 °F / 20 °C)

### **SURFACE PREPARATION:**

There is a correlation between adequate surface preparation and good results for the use of COSMO PRIM:

- Remove all residue, dirt, grease, dust, rust and contaminants present on the surface.
- Do not use this product on surfaces with excessive humidity.
- For metal surfaces, it is advisable to sand with sandpaper until leaving a smooth surface free of impurities, then clean with a standard cleaning solvent or thinner.
- Move the paint appropriately to obtain its homogeneity.
- Mix the product perfectly with your COSMO PRIM ACTIVATOR in a 1:1 ratio.
- Once the industrial primer is prepared with its activator, use it in its entirety.

### **ADDITIONAL INFORMATION:**

The data in this Technical Data Sheet represent typical values of the product characteristics. It is the user's responsibility to take appropriate measures in order to comply with the requirements established within their industry under current legislation. The information represents a general guide and should not be considered as a guarantee of its properties.

