

Product Data Sheet

Description	One component polyvinyl butyral based, acid-catalysed etching primer. It has excellent adhesion on blast cleaned steel, galvanized steel and light alloys and thus provides a suitable base for most coatings.
Principal Characteristics	Contain phosphoric acid and inhibited pigments Having good abrasion resistant and good flexibility Provide good adhesion for sub-sequence coats of paint
Recommended use	As a free treatment primer on galvanized steel and non ferrous metal (alluminium alloys, etc) to provide good adhesion for sub-sequence coats of paint. Not recommended for use in chemical exposure without suitable topcoat.

Specification data on 20 °C

Gloss	Matt
Colour	White
Specific gravity	0,88 ± 0.15 [g/mL]
Solids by volume	13 ± 2% (based on ASTM D2697)
Recommended	Dry film thickness : 9,75 microns Wet film thickness : 75 micron
Coverage theoretical	13 m ² / litre, 10 micron
VOC	729 g/litre
Drying time	Touch dry : 20 Minutes at 26 °C
Full cure	7 days
Painting interval	Min : 30 minutes ; max : 7 days
Shelf Life	12 months (cool and dry place)
Flash point (DIN 53213)	27°C
Surface Preparation	

Substrate	Recommended
Surface preparation	SSPC SP 10 blast cleaned ISO Sa2 ½
The surface to be painted	Should be clean, sound, smooth, dull and dry before paint is applied. Remove any oil, dust, and stain, dirt, mildew and mold

Application instruction Subsequent coat Simathane Gloss

Condition	Recommended		
Temperatur	Min 10°C, Max 50°C		
Relative humidity	85%		
Substrate temperature	should be at least 3°C above dew point.		
Thinner	Sima Thinner 43-07		
Method of application	Thinner	Nozzle Orifice	Nozzle Pressure

1. Airless spray	-	-	-
2. Air Spray	Max 10 %	0.015"-0.017"	4 bar / 57 psi
3. Brush	Max 5 %	-	-

Packing and size instruction

Packing size (two packs product) : 5 and 20 litres

Storage The product must be storage in accordance with national regulation. Preferred storage condition are to keep the containers in the dry space provided with adequate ventilation. The containers should be sealed tightly.

Safety Precaution

Wear suitable protective clothing such as overalls, goggles, dust mask and gloves. Ventilation shall be maintained from coating application until the completion of curing in order to remove residue of solvents and promote curing. Do not breathe the vapour or spray. This product is flammable. Keep away from sources of ignition. Do not smoke.

HEALTH AND SAFETY: For detailed information on the health and safety hazards and precaution for use of this product, please see the SAFETY DATA SHEET (SDS).

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