

<b>Description</b>	A two component primer based on polyamide cured epoxy resin
<b>Principal Characteristics</b>	<p>Good adhesion on properly pretreated steel, non ferrous metals (e.g. aluminum, copper, lead, zinc), concrete asbestos cement, various plastics and wood.</p> <p>Good chemical resistance.</p> <p>Can be over coated with epoxy, alkyd and other types of paint.</p> <p>Excellent water resistance</p> <p>Good abrasion and impact resistance</p> <p>Good impact resistance</p>
<b>Recommended use</b>	As a primer coat on steel, nonferrous metals (e.g. aluminum, copper, lead, zinc), concrete asbestos cement, various plastics and wood.

**Specification data on 20 °C**

Gloss	Eggshell
Colour	White, grey, red oxide, and other colour by requested
Specific gravity	1.40 ± 0.15 [g/mL]
Solids by volume	51 ± 2 %
Recommended	Dry film thickness : 50 - 125 micron Wet film thickness : 98 - 219 micron
Coverage theoretical	10.2 m <sup>2</sup> / litre - 50 micron, 4.58 m <sup>2</sup> / litre - 125 micron
Drying time	Touch dry : 3 hours at 30°C Hard dry : 7 Hours
Full cure	7 days
Potlife	6 Hours (after mixing components)
Painting interval	Min : 16 hours ; max : 7 days
VOC	383 g/litre (base), 496 g/litre (hardener)
Shelf Life	12 months (cool and dry place)
Flash point (DIN 53213)	Base = 21 °C, Hardener = 62° C
Service Temperature	Continuous : 100° C Periodic up to : 120° C

**Surface Preparation**

Substrate	Recommended
New Steel	SSPS-SP 10, ISO Sa2 ½
Previous epoxy coats	dry and free from contaminant and sufficiently roughened if necessary
The surface to be painted	Must be clean, free from rust, oil grease or other foreign matter using wash, detergent, or solvent wipe.

Can be overcoated with epoxy, alkyd and other types of paints.

**Application instruction**

Condition	Recommended
Temperatur	Min 5°C, max 50°C
Relative humidity	Max 85 %

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Substrate temperature	should be at least 3°C above dew point.		
Mixing ratio	Base : Hardener = 3 : 1 [by volume] temperature of the mixture should be above 15°C		
Thinner	Sima Thinner 44-00 should be added after mixing the components, and stir well before use preferable by means of mechanical mixer. Too much solvent result in lower sag resistance and slower cure.		
Method of application 1. Airless spray 2. Air Spray 3. Brush	Thinner	Nozzle Orifice	Nozzle Pressure
	Max. 5%	0.013 (0.33 mm)	150 Bar / 2100 psi
	Max. 10%	1.5 - 2 mm	3-4 Bar/43-57 psi
	Max. 20%	-	-

Over coating table for solvent borne paints

	Substrate temperature		
	20°C	26°C	32°C
Minimum interval	16 hours	14 hours	12 hours
Maximum interval	10 days	8 days	8 days
On surface free from chalking or contaminant			

Substrate temperature :

- Simacover WL Primer must not be applied at a temperature below 5°C
- The temperature of the substrate must be at least 3°C above dew point

#### 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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