

Last update: September 2021

Description	Two components heat resisting zinc dust primer, based on silicone resin.
Principal Characteristics	Having good anti corrosive Heat resisting paint up to 600°C Good adhesion to metal surface
Recommended use	As a primer coat for boiler that inside of exhaust pipe, steam pipe, stove

Specification data on 20 °C

Gloss	Flat
Colour	Grey
Specific gravity	2,5 ± 0.15 [g/mL] (Valued after mixing)
Solids by volume	48 ± 2%
Recommended	Dry film thickness : 25 microns Wet film thickness : 52 microns
Coverage theoretical	19.2 m ² / litre - 25 microns
VOC	459,5 g/litre (base) 0 g/litre (pigment)
Drying time	Touch dry : 60 Minutes at 26°C Hard dry : 5 hours
Painting interval	Min : 16 hours ; max : unlimited
Service temperature	Continuous : 600°C Periodic up to 600°C
Shelf Life	Use within 6 months of production (cool and dry place)
Flash point (DIN 53213)	12°C (base) Not applicable (pigment)

Surface Preparation

Substrate	Recommended
New steel and maintenance	SSPC SP 10 blast cleaned ISO Sa2 ½

Finish coat required : SIMATHERM ALU HR FINISH 600°C,

Application instruction

Condition	Recommended		
Temperatur	Min 0°C, Max 50°C		
Relative humidity	85%		
Substrate temperature	should be at least 3°C above dew point.		
Thinner	Sima Thinner 43-00		
Method of application	Thinner	Nozzle Orifice	Nozzle Pressure

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1. Airless spray	5 %	0.018" (0.48 mm)	120 Bar/1700psi
2. Air Spray	5 %	2 mm	4 bar / 57 psi
3. Brush	0 %	-	-

Packing and size instruction

Packing size : 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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