

Simarine Z/P Primer 1203-00

Product Data Sheet

Last update: September 2021

Description	Modified zinc phosphate alkyd primer
Principal Characteristics	Lead and chromate free To be recoated with conventional paint system Good adhesion properties Fast drying
Recommended use	Multipurpose primer for new construction or maintenance, suitable for use on exterior and interior steel in moderately corrosive marine and industrial atmosphere.

Specification data on 20 °C

Gloss	Flat
Colour	Red Brown, Green, Grey
Specific gravity	1.20 ± 0.15 [g/mL]
Solids by volume	47 ± 2 %
Recommended	Dry film thickness : 35 microns Wet film thickness : 74 micron
Coverage theoretical	13.4 m ² / litre, 35 micron
VOC	Max. 389.2 g/litre
Drying time	Touch dry : 1 Hour at 30 °C Hard dry : 12 Hour
Full cure	-
Painting interval	Min : 3 hours Max : unlimited
Shelf Life	12 months (cool and dry place)
Flash point (DIN 53213)	39 °C
Service Temperature	Continuous : 60 °C Periodic : 80 °C

Surface Preparation

Substrate	Recommended
New steel	SSPC SP 10 blast cleaned ISO Sa2 ½
Shopprimed steel	Hand/Power tool cleaning according to SSPC SP 3
Maintenance/repair	Remove rust and loose material by, hand tool/power tool cleaning (SSPC-SP 3) or by high-pressure fresh water.

Subsequent coat : SIMARINE UNDERCOATING RP, SIMARINE BTB,
or SIMARINE ENAMEL and according to specification

Application instruction

Condition	Recommended			
Temperatur	Min 10°C, Max 50°C			
Relative humidity	85%			
Substrate temperature	should be at least 3°C above dew point.			
Cleaning Solvent	Sima Thinner 42-00 Stir well and homogenously			
Method of application	Thinner	Nozzle Orifice	Nozzle Pressure	
	1. Airless spray	Max. 10 %	0.017" (0.43 mm)	150 Bar / 2100 psi
	2. Air Spray	Max. 15 %	2 mm	4 bar / 57 psi
	3. Brush	Max. 5 %	-	-

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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