

TECHNICAL DATA

MAXIGUARD® MGP 105 SB

ALKYD ANTI RUST PRIMER

PRODUCT DESCRIPTION

MAXIGUARD® MGP 105 SB is an alkyd anti-rust primer, pigmented with zincphosphate rust-inhibiting pigments. It provides a short handling time and good hiding power

RECOMMENDED USE

As a primer for protection of steel structures, steel equipments and other metal surfaces in rural and moderate industrial environment.

PHYSICAL PROPERTIES

Colours	Grey, Green & Red Oxide
Finish	Matt
Solids by volume (mixture)	55 ± 1 %
Theoretical spreading rate	10.6 m ² /kg (40 microns)
Flash point	25°C
Specific gravity (mixture)	1.45
Surface Dry	30 min. at 30°C
Hard Dry	3 hours at 30°C

APPLICATION DETAILS

Application method	Airless spray : Air spray : Brush/Roller		
Thinner (max.vol.)	5%	20%	10%
Nozzle orifice	0.38 – 0.48 mm (0.015 – 0.019 in)		
Nozzle pressure	125 bar (1800 psi)		
	(Airless spray data are indicative and subject to adjustment)		
Cleaning of tools	Alkyd Thinner		
Indicated film thickness, dry	75 microns /3.0 mils		
Indicated film thickness, wet	40 micron /1.6 mils		
Recoat interval, min	12 hours (30°C)		
Recoat interval, max	3 months (30°C)		

SAFETY

Handle with care. Before and during use, observe all safety labels on packaging and paint containers, consult MAXIGUARD® Material Safety Data Sheets and follow all local or national safety regulations. Avoid inhalation, avoid contact with skin and eyes, and do not swallow. Take precautions against possible risks of fire or explosions as well as protection of the environment. Apply only in well ventilated areas.

SURFACE PREPARATION

Remove oil and grease, etc. with suitable detergent. Remove salt and other contaminants by (high pressure) fresh water cleaning. Abrasive blasting to cleaning degree specified for final coating system, usually Sa-2. Apply immediately after cleaning. All damaged shopprimer and contamination from storage and fabrication should be thoroughly cleaned prior to recoating.

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For repair and touch-up use primer specified for final coating system. Consult application instructions for the relevant product. Remove oil and grease etc. with suitable detergent. Remove salt and other contaminants by high pressure fresh water cleaning. After exposure to high humidity, zinc salts, "white rust", must be removed carefully by high pressure fresh water cleaning, if necessary combined with scrubbing with stiff nylon brushes.

APPLICATION CONDITIONS

Use only where application and curing can proceed at temperatures above 10°C. The temperature of the surface and that of the paint itself must also be above this limit. Maximum steel temperature approximately 45°C. For primer application at temperatures above app. 45°C special measures must be taken (See "Thinning" under REMARKS below). Apply only on a dry and clean surface with a temperature above the dew point to avoid condensation. In confined spaces provide adequate ventilation during application and drying.

REMARKS

Recommended dry film thickness: 40 micron /1.6 mils measured on a smooth test panel.

PRECEDING COAT

MAXIGUARD® MGP 105 SB

SUBSEQUENT COAT

MAXIGUARD® MGT 115 SB

MAXIGUARD® MGT 125 QD

MAXIGUARD® MGT 315 SB

MAXIGUARD® MGT 316 WB

RECOATING INTERVAL

No maximum recoat interval for adhesion, but dictated by gradual breakdown and damage during exposure and fabrication.

THINNING

When applied at higher temperatures extra thinning or use of thinner with slower flash-off time may be needed to secure proper paint film formation. It is a must that a homogenous and smooth paint film is obtained. When used as a "sealer", dilute with minimum 10% alkyd thinner obtain optimal antipopping properties.

STORAGE AND HANDLING

STORAGE	The product must be stored in accordance with national regulations. The product should be kept in a cool and well ventilated place, protected from heat and direct sunlight. Containers must be kept tightly closed.
HANDLING	Handle with care. Stir well before use.
PACK SIZE	5 Kg & 25 Kg

DISCLAIMER

The information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However, as the product is often used under conditions beyond our control, we cannot guarantee anything but the quality of the product itself. We reserve the right to change the given data without notice.