

TECHNICAL DATA

MAXIGUARD® MGT 114

CAT KAYU & BESI

PRODUCT DESCRIPTION

MAXIGUARD® MGT 114 is an alkyd based topcoat for both exterior and interior use. This product is effectively used as a protective and decorative coating for steel structures, building interior and exterior surface suitably primed timber, hardboard and for the maintenance of existing structures, etc.

PRODUCT DATA

Color	Shown in the color card
Solids by volume	50 ± 2%
Finish	Glossy
Flexibility	Good
Specific gravity	1.12
Flash point	30°C
Surface dry	35 minutes (30°C)
Hard dry	7 days (30°C)

APPLICATION

Application method	Airless spray : Air spray : Brush/Roller		
Thinner (max.vol.)	5%	20%	10%
Viscosity (DIN Cup 4)	80 sec	15 sec	25 sec
Re coating interval	12 - 18 hour (30°C)		
Temperature	Minimum 10°C		
	Maximum 40°C		
Humidity maximum	85 % RH		
Thinner/Cleaner	Alkyd Thinner		
Recommended Primer	MAXIGUARD® MGP 105 SB		
	MAXIGUARD® MGP 113 SB		
	MAXIGUARD® MGP 550 HB		
Theoretical Coverage	11.7 m ² /Kg-set at 40 µm (Dry film thickness)		
Wet film thickness	75 microns or 3.0 mils		
Dry film thickness	40 microns or 1.6 mils		

Note: Practical coverage rates will be affected by surface profile/porosity and application techniques.

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	0,9 LT & 20 LT

SURFACE PREPARATION

The surface must be clean and dry. Remove oil, grease, dirt, rust and other contaminants with appropriate method (wire brush or sandpaper). It is recommended to apply the appropriate primer or undercoat before applying this coating.

RECOMMENDED SYSTEMS

The following are examples only. System thickness depends on steel structure and wall requirement.

1) 1 x MAXIGUARD®	MGP-105 SB	50 µm (D F T)
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2 x MAXIGUARD®	MGT- 114 SB	40 µm (D F T)
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2) 1 x MAXIGUARD®	MGP-113 SB	50 µm (D F T)
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2 x MAXIGUARD®	MGT-114 SB	40 µm (D F T)
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3) 1 x MAXIGUARD®	MGP-550 HB	50 µm (D F T)
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2 x MAXIGUARD®	MGT-114 SB	40 µm (D F T)
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HEALTH AND SAFETY

A health and safety data sheet is available for this product on request. Please observe the precautionary notices on the container. Apply under well-ventilated conditions. Do not breathe or inhale vapour. Avoid skin contact. Spillage on skin should immediately be removed with suitable cleaner, soap and water. Eyes should be well flushed with water and medical attention sought immediately.

CONTAMINATION

If the surface preparation system used has not removed deeply penetrating contamination such as oil, blasting the substrate with hot compressed air followed by an application of a sealing compound can be considered. Consult your local MAXIGUARD® Technical Department for further information.

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.