

**PRODUCT DESCRIPTION**

**MAXIGUARD® MGT 312 SB** is an acrylic 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 (mixture)	: 55 ± 2%
Finish	: Glossy
Flexibility	: Good
Specific gravity (mixture)	: 1.15
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	: Acrylic Thinner .
Theoretical Coverage	: 11.7 m <sup>2</sup> /Kgset 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.

**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® MGT- 312 SB** 40 µm (DFT)  
2 x **MAXIGUARD® MGT- 312 SB** 40 µm (DFT)
- 2) 1 x **MAXIGUARD® MGT- 312 SB** 50 µm (DFT)  
2 x **MAXIGUARD® MGT- 312 SB** 40 µm (DFT)
- 3) 1 x **MAXIGUARD® MGT- 312 SB** 50 µm (DFT)  
2 x **MAXIGUARD® MGT- 312 SB** 40 µm (DFT)

**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 & 20 Kg

**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.

Issued January 2010