

TECHNICAL DATA

MAXIGUARD® MGT 101

WATERPROOFING COATING

PRODUCT DESCRIPTION

MAXIGUARD® MGT 101 Waterproofing Coating is high quality one component elastomeric waterproofing based on Acrylic Emulsion with improved flexible, water resistance and weather resistance. Intended for the protection and decoration of above ground concrete and masonry surfaces. It is also finishing for all types of roofs and facades

RECOMMENDED USE

MAXIGUARD® MGT 101 Waterproofing Coating is a one component elastomeric acrylic emulsion designed as exposed waterproofing on: Concrete flat roofs, Parapet walls, External walls, Sealing joints, laps and roofing screws on various kind of roofs (roof tile, asbestos, zinc).

ADVANTAGES

- UV resistant and external weather.
- High flexibility.
- Thixotropic.
- Excellent adhesion to most surface.
- No priming.
- Easy to use and apply.
- Non toxic
- Will not promote fungal growth.

PRODUCT INFORMATION

Colour	As per the colour card.
Drying Time	2-3 hours depending upon ambient conditions.
Density	1.2 Kg/L
Elongation	> 300 %
Tensile Strength	> 1.5 N/mm ² (free film > 7 days).
Adhesion	> 1.5 N/mm ² (free film > 7 days).
Total Thickness	1 – 1.2 mm (cured system with membrane)
Coverage	0.6 – 0.7 Kg/m ² (without membrane) 2 – 2.4 Kg/m ² (with membrane)
Shelf life	12 month from date of productions if stored properly in original, unopened and sealed packaging.

INSTRUCTION FOR USE

The substrate must be sound, clean, dry, free from dust, oil, grease and laitance etc. Remove all loose materials mechanically, preferably with a wire brush. Iron and steel surface should be free of rust.

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APPLICATION DATA

Without Membrane :

MAXIGUARD® MGT 101 Waterproofing Coating is applied in two coats (0.3 – 0.35 Kg/m²/coat), by brush or roller.

With Membrane :

1. Apply a generous base coat (0.8 – 1 Kg/m²) of MAXIGUARD® MGT 101 Waterproofing Coating by brush or roller.
2. Embed the MAXIGUARD® membrane into the base coat while it is still wet. Ensure that the membrane is thoroughly embedded and smooth out all air pockets and creases. Overlaps of adjacent membrane must be a minimum of 50 mm.
3. Immediately apply a second coat (0.8 – 1 Kg/m²) of MAXIGUARD® MGT 101 Waterproofing Coating while the base coat is still wet, to fully saturate the membrane from both sides.
4. When touch-dry, apply a final top coat (0.4 Kg/m²) to complete the application. Protect from rain until dry.

CONDITION DURING APPLICATION

Apply at a temperature between 5°C and 40°C. The temperature of the substrate should be minimum 3°C above the dew point of the air. The temperature and the relative humidity should be measured in the vicinity of the substrate.

APPLICATION METHODS

Spray	Use airless spray or conventional spray
Brush	Recommended
Roller	Recommended

APPLICATION DATA

Mixing ratio (volume)	Single pack.
Mixing	The paint is ready to use after proper stirring. If thinning is required, water may be added up to a maximum of 5%.
Thinner/Cleaner	Water

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

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HEALTH AND SAFETY

Please observe the precautionary notices displayed on the container. Use under well ventilated conditions. Do not breathe or inhale mist. Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water and medical attention sought immediately.

For detailed information on the health and safety hazards and precautions for use of this product, we refer to the Material Safety Data Sheet.

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.