

Mahaguard Wall Coat Classic

Universal Elastomeric Acrylic Based Exterior Waterproof Coating

Description

Mahaguard Wall Coat Classic is composed of high quality acrylic polymer properly selected & graded fine fillers, many additives. It has excellent flexibility, breathability, water resistance, crack-bridging, weathering durability and an excellent resistance to the growth of micro-organisms. Mahaguard Wall Coat Classic bridges cracks effectively and it is UV resistant.

Features / Advantages

- Driven rain, helps prevent water penetration into the substrate.
- Effective carbon dioxide diffusion barrier protects embedded steel from corrosion.
- Higher film thickness provides crack bridging ability, waterproofing properties.
- Flexible and covers hairline cracks (up to 2 mm) effectively, thus prevents ingress of water.
- High elasticity easily withstands stress caused by thermal expansion & contraction.
- Resistance to fungus and algae hence maintains the aesthetic value.
- Provides excellent color retention for a long lasting attractive finish.
- Very low dirt pick up & can be cleaned easily hence maintains the aesthetics.
- User friendly, easily applicable by brush, roller or spray.
- Breath ability for preventing moisture in walls and roofs (MICROPOROUS).
- Can be applied on damp surfaces.
- Can be used on coastal areas and gives corrosion protection to rebar's.
- Excellent alkali resistance.
- Resistance to chalking and flaking.
- UV resistant for outstanding durability

Typical application

All types of exterior masonry/RCC surfaces, concrete, cement sand renderings, existing coating etc. Cement sheets, Stone walls, China mosaic tiles, Sloping roofs.

Technical Information

Sr.No.	Properties	Standards	Results
1	Appearance		White thick viscous liquid
2	Available		Light & Dark Base
3	Finish		Smooth and matt
4	Touch Drying Time		Min. 30 min. (@28–30°C & 60 ± 5% RH)
5	% Solid		58 ± 2%
6	Density		1.25 ± 0.05
7	Water Resistance		Passes
8	Recoating Period		Min 5 hrs at RT & 60 ± 5% RH. Ideally 24 hrs.
9	Elongation	ASTM D-412	> 250 %
10	Tensile Strength	ASTM D-412	> 20 kg/cm ²
11	Accelerated QUV @ 3000 hrs	ASTM D 4587	Passes
12	Water Absorption@ 24 hrs	ASTM D 417	Passes
13	Anti-carbonation	EN 1062 part 6	Passes
14	No. of coats		2-3 coats or depending upon the substrate
15	Application temperature		+5°C to +35°C
16	Temperature withstand capacity		-10°C to 80°C
17	Total Thickness of coating		160 to 180 microns

Methods of Application

Surface Preparation

Surface must be thoroughly cleaned, free of dust, grease etc. and washed well with water. Treat any areas affected by algae, moss or fungal growth with biocide wash solution. The surface to be checked for cracks, hollowness and loose plastered areas etc. if any. All loose plaster and cracks larger than 10 mm width to be repaired with polymer modified mortar using Mahacrete SBR Super. The cracks up to 5 mm to be treated with Rhino Crackseal-Paste.

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Priming

After the proper surface preparation and curing of repaired areas wash the surface well and maintaining it in SSD condition proceed for priming using Mahaguard Uniprime. Maintain the spreading rate of 7-8 m²/L for a single coat application to achieve about 20 – 25 microns DFT. Allow it to dry for 4-5 hrs.

Application

Apply by brush one coats of Mahaguard Wall Coat Classic waterproof coating by diluting 10 to 20% water to maintain the spreading rate of 7-8 m²/L/coat application to achieve about 80 -90 microns DFT. The second coat of Mahaguard Wall Coat Classic to be apply in the interval of 6-8 hours.

For New Construction

Use Mahaguard Uniprime (Pigment) as a primer coat and then apply two coats of Mahaguard Wall Coat Classic.

For Slopping Roofs

Reinforce Mahaguard Wall Coat Classic by incorporating polyester matt of min. thickness of 55-70 gsm as a part of sandwich membrane system. Lay this matt on the first wet coat before application of subsequent coats. System comprises of primer coat + 1 coat of Mahaguard Wall Coat Classic + Polyester mat + 2 coats of Mahaguard Wall Coat Classic.

Precautions & Limitations

- Do not apply when the ambient temperature is below 10°C or above 35°C.
- Use of Mahaguard Wall Coat Classic is must for same system.
- Do not dilute Mahaguard Wall Coat Classic with solvent.
- For better performance fill the existing cracks with Rhino Crackseal - Paste or Rhino Tech - 710.
- The substrate should be free from chalking, dust, grease, loose paint, fungus & algae.



Packing

1L, 5L & 20L



Storage and Shelf life

Storage:

Store in a cool dry place under shed away from heat. Shelf life is Two year in original unopened conditions.



Consumption

Uniprime: 8-10 m²/L
3-4 m²/L/2 coats. It may vary as per the porosity of substrate.



Cleaning of Tools & Equipments

Tools and equipment should be cleaned with water immediately after use.

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Ecology, Health and Safety

Health & Safety instructions, all chemicals should not come in contact with skin and eyes or be swallowed. Protective gloves and goggles should be worn. If contact with skin occurs, wash well with soap and water.

Eye contamination should be washed thoroughly with clean water and medical advice sought.

If swallowed seek medical attention immediately. Do not induce vomiting.

Disclaimer

The technical data contained herein is based on our present knowledge and experience and we cannot be held liable for any errors, inaccuracies, omissions or editorial failings that result from technological changes or research between the date of issue of this document and the date the product is acquired. Before using the product, the user should carry out any necessary tests in order to ensure that the product is suitable for the intended application. Moreover, all users should contact the seller or the manufacturer of the product for additional technical information concerning its use if they think that the information in their possession needs to be clarified in any way, whether for normal use or a specific application of our product.

Our guarantee applies within the context of the statutory regulations and provisions in force, current professional standards and in accordance with the stipulations set out in our general sales conditions.

The information detailed in the present technical data sheet is given by way of indication and is not exhaustive. The same applies to any information provided verbally by telephone to any prospective or existing customer.

Mahafix[®]
WATERPROOFING SPECIALIST



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