

AquaArm WonderCoat

(Formerly known as MYK WONDERCOAT)

Elastomeric Waterproof Decorative Coating for vertical surfaces



TECHNICAL DATA SHEET

Product Description

It is single component water based elastomeric acrylic waterproof coating. Its water proofing capabilities outshine regular paint and form an effective barrier against penetration of water. It can be applied to most structural surfaces. The coating is flexible yet UV stable

Uses

- Waterproof & Decorative coating for exterior walls of the buildings
- Can be applied on Roof chajjas, parapet walls and exterior walls

Features and Benefits

- Elastomeric Waterproof Coating
- Highly reflective/UV resistant, hence can be used for external applications
- Crack bridging up to 1.5 mm
- Works as a base for many pastel colour.
- Breathable, cures to give a permanently flexible and resilient surface coating resistant to a wide range of temperatures
- Applied directly from the container by brush or roller

Application Methodology

Step no 1: Surface Preparation

The concrete surfaces should be thoroughly cleaned and free from laitance, dust, dried algae, loose material, oil, grease, etc. Old/repainted surfaces must be thoroughly cleaned by mechanical means such as wire brushing and/or by high pressure water jet cleaning.

All surface cracks more than 2 mm and up to 5 mm width should be filled with Crack Filling Compound or ReArm Krack Fill paste/powder as appropriate. Cracks more than 5 mm and all separation gaps should be filled with ReArm Bond Latex modified mortar or as specified after opening the crack to a "V" cut.

Step no 2: Priming:

For Primer Dilute one part by volume of AquaArm WonderCoat with one part of clean water and apply with a brush evenly on the surface.

Step No. 3: Application of AquaArm Wondercoat:

Use AquaArm WonderCoat directly from the container. Stir contents well before use.

For Top Coating: Two Coats of topcoat are recommended. When the primer coat is touch dry apply the first coat of AquaArm Wondercoat. The second coat is to be applied perpendicular to the first coat within one hour or when the first coat is tack free, to ensure uniform masking & even finish.

Do not undertake any further work over the coated area within 72 hrs of final coat.

Allow the coated surface to air cure fully for 7 days.

Note:

Protect the painted surface from rain or dust at least for 8 hours. When rain is expected, do not initiate the application.

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Technical Data

Properties	Results
Nature	Single component
Base	Emulsion paint (White)
Specific gravity	1.35 +/- 0.02
Solid, %	65%
Drying time	Surface dry time 30 min Full dry – 7 days
Sheen level	Up to 6-10 at 60 deg head
DPUR	Good
Elongation, 28 days @ 30°C	> 100%, 1mm thickness
Accelerated weathering (700 hrs QUV exposure)	Passes 700 hrs, no defects
Tensile strength, 28 days @ 30°C	> 0.7 N/mm ²
Crack bridging ability	Up to 1.5 mm
Pull out bond strength, 28 days @ 30°C	> 0.7 N/mm ²
Water permeability (DIN 1048)	Resist up to 2 bar water pressure
Application Temperature	Min: +5°C, Max: +42°C
Service temperature	Min: -10°C, Max: +45°C

Coverage

1 kg will cover 2 Sqm @200 microns DFT,
Actual coverage will depending upon surface porosity & roughness.

Packaging

3, 13 & 25 Kg Pack

Storage & Shelf Life

Store under the shade between 5°C to 30°C temperature, must not be exposed to high temperatures.
Shelf Life: 24 months from date of manufacturing.

Health & Safety

Avoid contact with skin/eyes, avoid swallowing. In case of contact with skin or eyes, use plenty of water to wash and obtain medical helps immediately.

Product Categories Available



Legal Note

The information, and, in particular, the recommendations relating to the application and end-use of MYK Arment products, are given in good faith based on MYK Arment current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with MYK Arment's recommendations. In practice, the difference in materials, substrates and actual site conditions are such that no warranty in respect of merchant ability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application & purpose. MYK Arment reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local product data sheet for the product concerned, copies of which will be supplied on request.