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# ARDEX WPM 103

## Cementitious, Waterproof Slurry Coating

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Waterproofing of tanks, containers, planter boxes

Quick and easy to apply

Good wear and weather resistance

Protects reinforcement steel



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# ARDEX WPM 103

## Cementitious, Waterproof Slurry Coating

### DESCRIPTION

ARDEX WPM 103 is a specially formulated two component polymer cementitious waterproofing slurry coating. It adheres to most concrete substrates. It is waterproof as well as wear and weather resistant. ARDEX WPM 103 provides an effective barrier to waterborne salts and atmospheric gases. It also provides protection against the corrosion of reinforcement steel.

### APPLICATION RANGE

- Tanks, containers, gutters, planter boxes
- Seals and coats tie bar holes to ensure water tightness
- Protects concrete surfaces against carbonation and chloride attack

### FEATURES & BENEFITS

- Quick and easy to apply
- Excellent wear and weather resistance
- Protects reinforcement steel
- Provides effective waterproofness to concrete or screeds

### SUBSTRATES

Ensure that the substrate is clean and sound, free of dust, loose particles, grease or any other contaminants. Concrete substrate must be thoroughly pre-wetted before the coating is applied.

### MIXING

ARDEX WPM 103 is supplied in pre-measured units. Pour the liquid component into a clean pail. Slowly add the powder component into the liquid component and mix using a slow speed drill mixer until the mixture is homogeneous and free of lumps. Do not mix more material than can be utilized in one hour. DO NOT RE-TAMPER WITH WATER. PART MIXING IS NOT RECOMMENDED.

### APPLICATION

Apply ARDEX WPM 103 by brush, roller or trowel as necessary. Apply a minimum of two coats, the second coat applied at right angle to the first. The second coat should be applied over the first coat after it is touch dry usually 2 – 3 hours after

application. It is fully cured after 6 – 8 hours.

### COVERAGE

ARDEX WPM 103 covers approx. 1kg per m<sup>2</sup> per coat. One 25kg kit covers approx. 20 m<sup>2</sup>. Dry film thickness should be approx. 0.8mm – 1mm per coat is recommended for an effective waterproof slurry coating. Coverage will vary depending on the porosity of the surface.

### PACKAGING

25 kg units of ARDEX WPM 103 are available in two components. The component A (Powder) is in 20kg pack, and the component B (Liquid) is in 5kg container.

### TECHNICAL DATA

	Component A	Component B
Form	powder	liquid
Colour	grey	milky white
Specific gravity	–	1.03g/m <sup>2</sup>
Bulk Density	1.38g/m <sup>2</sup>	–
Mixing ratio (by weight)	4	1
Specific gravity (mixed)	1.8kg/litre	

### CLEANING

Due to high adhesion strength of this product, it is advisable to wash tools with water before the product sets. After setting, cleaning can only be achieved by mechanical means.

### SHELF LIFE AND STORAGE

Store in dry conditions (5°C - 35°C) away from the sunlight. Replace the lid tightly after use. ARDEX WPM 103 has a storage life of 12 months when stored in the original unopened containers.

### SAFETY PRECAUTIONS

In case of contact with the eyes, rinse with running

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water (15min) including removal of contaminated clothing. Wear protective gloves, clothing, eye and face protection. Avoid inhaling dust/fume/gas/mist/vapours/spray. Ensure adequate ventilation during mixing and application. Store locked up. Check for disposal of contents. Keep out of the reach of children. Additional information is in the material Safety Datasheet, available upon request and online at [www.ardex-quickseal.com](http://www.ardex-quickseal.com).

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May 2023 T

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