

# Aquarex 1001AS

# CEMKRETE

**High performance water dispersed epoxy coating filled with conductive filler for Anti-Static purpose (conductive with  $10^6 \sim 10^7$  ohm)**

*Innovative products for your success*

## Description

**Generic type: Aquarex 1001 AS** is a 2 pack water dispersed epoxy coating filled with conductive filler for antistatic purpose in a variety of Standard AS colours.

**Recommended uses :** To provide a hard wearing, seamless, totally conductive Anti Static flooring system.

## Benefits

- Meets BS 2050 antistatic requirements.
- Available in a variety of Standard AS color.
- Easy to apply.
- Excellent adhesive.
- High abrasion resistance.
- Solventless - makes application in confined places bearable.
- Less sensitive to moisture during application.
- Meet BS 6920-1988 (Part 1) requirement.

## Specification data

### Surface preparation

Totally enclose shot blasting or scarification or light captive blasting. All residues must be removed to provide a dry, dust free open textured surface.

### Mixing

Pour the total contents of Hardener B into the Base A and drain thoroughly. Mix by use of drill mixer. Do not mix by hand. Thinning up to 15% with portable water is allowed for better workability.

Transfer the fully mixed contents into a spare mixing vessel and re-mix to ensure thorough dispersion. Constant stir up during application will prevent settlement of the heavy filler.

## Applications

Using spray or roller brush on surface to achieve the spreading rate of approximately 3.7m<sup>2</sup>/kg.

### Physical Properties

	10°C	20°C
Foot traffic	36 hours	24 hours
Vehicle traffic	36 hours	24 hours
Bond strength	1.5N/mm <sup>2</sup> .	
Water absorption	0% (Korstner test method)	
Abrasion resistance	<0.05mm (C&CA Abrasion as per BS 8204)	
Impact resistance	<0.5 mm (BRE screed tester)	
Decontamination Classification	Good (BS 4247 part 1 test A)	
Electrical resistance	Conductive with $10^6 \sim 10^7$ ohm	

### Chemical Resistance

Excellent resistance to sugars and most acids (organic & inorganic) Consult Cemkrete for more detailed test data.

Performance against more common chemicals: -

	Excellent	Good	Limited
Hydrochloric acid 10%	√		
Sulphuric acid 25%	√		
Citric acid	√		
Acetic acid 5 %		√	
Lactic acid 10%		√	
Acetone			√
Methanol			√
Sugar syrups	√		
Caustic soda	√		
Petrol		√	
Oil	√		
Detergents		√	

**Tool Cleaning:** Clean with potable water

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## Colours

Available in Standard AS Colors.

**Coverage** : 3.7m<sup>2</sup>/kg.

**Packaging** : 5kg

## Storage & shelf life

Stored unopened in dry conditions below 25°C, shelf life will be 12 months minimum.

## Precautions

## Health and Safety

Gloves and goggles should be worn. Any splashes to the skin or eyes should be washed off with clean water. In the event of prolonged irritation, seek medical advice. Powder products should be handled to minimize dust formation; use a light mask if excessive dust unavoidable. Some of the components of this product may be hazardous during mixing and application, please consult the relevant Health & Safety Data Sheet, available from Cemkrete on request:

## Additional Information

Cemkrete manufactures and supplies a wide range of those complementary products which include:

- Waterproofing membranes & waterstops
- Joint sealants & filler boards
- Cementitious & epoxy grouts
- Specialized flooring materials
- Fireproof coating and systems
- Concrete admixture
- Repairing material

For further information on any of the above, please consult your local Cemkrete office - as below.

**Important Note:** Cemkrete warrants its materials free of manufacturing defects and produced as per standard specifications and sold under the terms and conditions of usages, whilst Cemkrete endeavors to ensure that any advice, recommendation, or information, given through its products literatures are reflects of the R&D in-house lab test and practical sites experience and knowledge based feed backs, however, the products are being used under various conditions and applied beyond its control where or how either directly or indirectly at various locations and places at a different stages that of an intended purposes and uses. Therefore, Cemkrete cannot hold warranty or responsible for resultant consequences, such as damages to the property or assets but the product itself.