

AQUAREX 1001 AS (II)

A WATER -DISPERSED ANTI STATIC EPOXY COATING

DESCRIPTION

AQUAREX 1001 AS (II) is a 2 component water dispersed epoxy coating filled with conductive filler for primer.

USES

To provide a hard wearing, seamless, and totally conductive anti-static flooring and wall coating system.

BENEFITS

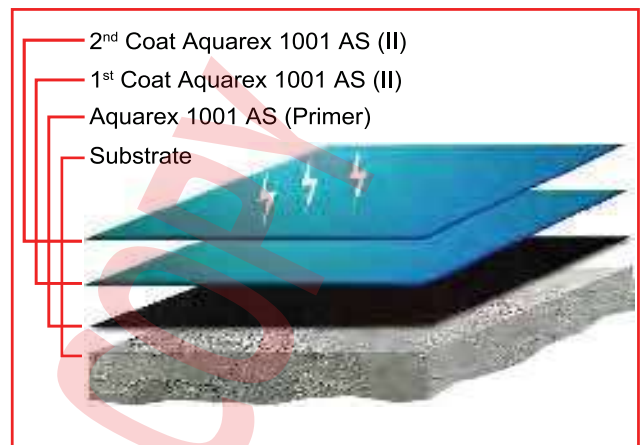
- Easy to apply.
- Excellent adhesive.
- Solvent free - makes application in confined places bearable.
- Less sensitive to moisture during application.
- Meets BS 2050 Antistatic Requirements.
- Meets BS 6920-1988 (Part 1) Requirement.

COLORS

Available in Standard Flooring colors. Other colors can be matched upon request too bright color not available.

FINISH

Semi - Gloss to Matt



Technical Data :	
No of Component	2
No of Coats Recommended	2
Abrasion Resistance	0.25 gm / 1000 gms Loading 1000 rpm
Impact Resistance	<0.5mm (BRE Screed tester)
Decontamination Classification	Good (as per BS4247 Pt 1 test A)
Electrical Resistance	Conductivity with $10^4 \sim 10^6$
Foot Traffic	24 hrs @ 20°C
Vehicle Traffic	24 hrs @ 20°C
Bond Strength	1.5 N/mm ²
Water absorption	0% (Korstner test method)
Mixing Ratio	4.2:0.8 by weight of Part A & Part B
Pot Life	30 min at 28°C
Cleaner	Water
Packaging	5kg & 20kg
Storage & Shelf Life	unopened in dry conditions at 25°C / 12 months
Estimated Coverage	6m ² /kg/Coat

NOTE: Coverage figure given is theoretical. Due to wastage factors, the variety nature of the substrate, and the site application condition, etc., the practical coverage may be reduced.

The information given in this data sheet is to the best of our knowledge true and accurate; but as we have no control over where or how the product is applied, there are no warranties expressed or implied regarding the product's use or performance. Customers are advised to thoroughly test before adapting them to their own use. It is strongly recommended to trial on small area before large scale application.

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A WATER -DISPERSED ANTI STATIC EPOXY COATING

CEMKRETE®

ISO 9001 & 14000 CERTIFIED

SURFACE PREPARATION

Substrate to be coated must be sound, clean, and free from any contaminants. Use mechanical stone grinding or other mechanical mean store move laitance. All residues must be removed by vacuum cleaning to provide a dry, dust free open textured surface.

Mixing

Stir each component separately and pour the total contents of Part B into Part A. Using high power 750 rpm electric stirrer mix blend for 2-3 minutes before use. Do not mix by hand. Thinning up to 10% with potable water is allowed for better workability.

APPLICATION

Using spray or roller on surface to achieve the spreading rate of approximately 6m²/kg over properly primed surface of **AQUAREX 1001 AS (Primer)** Constant stir up during application will prevent settlement of the heavy filler.

Design Criteria:

AQUAREX 1001 AS (II) is designed for application in two coats to achieve a total dry film thickness of about 100 microns. Substrate should be previously primed with **AQUAREX 1001 AS (Primer)**.

Method of Application

Brush, roller (short hair mohair roller) air less or conventional spray.

Recoating

Touch Dry: 8 hrs. at 25°C
Maximum Recoating Time: 24 hrs. at 25°C
Minimum Recoating Time: 16 hrs. at 25°C

Curing

AQUAREX 1001 AS (II) is self-curing. The curing time depends on the ambient temperature, humidity, and the quantity mixed and placed. Under normal circumstances initial curing will take place after 8 hours.

Thinning

To improve workability under different room temperature, maximum of 10% potable water can be used to thin product.

CHEMICAL RESISTANCE

Excellent resistance to sugars and most acids (organic & inorganic). Call 603 -8062 4478 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		✓	

HEALTH & SAFETY

Some of the components of this product may be hazardous during mixing and application. Some people are sensitive to resins, hardeners and solvents. Wear suitable protection clothing, gloves and eyes protection. The use of barrier creams provide additional skin protection. In case of contact with eyes, rinse immediately with plenty of clean water and seek medical. If swallowed, seek medical attention immediately - do not induce vomiting.

FURTHER INFORMATION

With a wealth of technical and practical experience built up over many years in our pursuit of excellence especially in the protective, flooring and concrete technology, make **CEMKRETE** your partner today! Contact hotline now.

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