

# AQUAREX 1001 AS

A WATER - DISPERSED ANTI STATIC EPOXY COATING

## DESCRIPTION

**AQUAREX 1001 AS** is a 2 component water dispersed epoxy coating filled with conductive filler in primer.

## USES

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

## BENEFITS

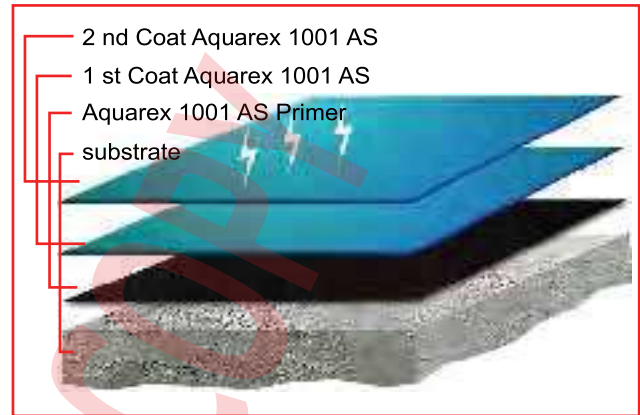
- Easy to apply.
- Excellent adhesive.
- Solvent free - makes application in confined places bearable.
- Less sensitive to moisture during application.
- Meets BS 2050 Antistatic Requirements.
- Meets BS 6920-1988 (Part 1) Requirement.

## COLOR

Available in Standard Flooring colors. Other colors can be matched upon request. Colors that are too bright will not be available.

## FINISH

Semi - Gloss to Matt



### Technical Data :

No. of Components	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 <sup>2</sup>
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
Estimated Coverage	6m <sup>2</sup> /kg/Coat
Storage & Shelf Life	unopened in dry conditions at 25°C / 12 months
Packaging	5kg & 20kg

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.

### WEBSITE

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## SURFACE PREPARATION

Substrate to be coated must be sound, clean and free from any contamination. Mechanical stone grinding should be employed followed by thorough vacuuming. All applications must be carried out in accordance with manufacturer's written instructions.

## Mixing

Stir each component separately and pour the total content of Part B into Part A. Using a high power 750 rpm electric stirrer mix 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 6m<sup>2</sup>/kg over properly primed surface of **AQUAREX 1001 AS (Primer)**. Proper mixing during application will prevent settlement of the heavy filler.

## Design Criteria:

**AQUAREX 1001 AS** 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), airless or conventional spray.

## Recoating

Touch Dry:

Maximum Recoating Time:

Minimum Recoating Time:

8 hrs. at 25°C

24 hrs. at 25°C

16 hrs. at 25°C

## Curing

**AQUAREX 1001 AS** 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 temperatures, maximum of 10% potable water can be used to thin product.

## CHEMICAL RESISTANCE

Excellent resistance to sugars and most acids (organic & inorganic).

Performance against 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 in this product may be hazardous during mixing and application. Please consult **CEMKRETE (M) SDN. BHD.** for the relevant Health & Safety Data Sheets, available upon request.

## 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. Contact hotline today.

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