

# AQUAREX 1001 AS (Primer)

A WATER-DISPERSED EPOXY CONDUCTIVE PRIMER



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**DESCRIPTION**

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

**RECOMMENDED USES**

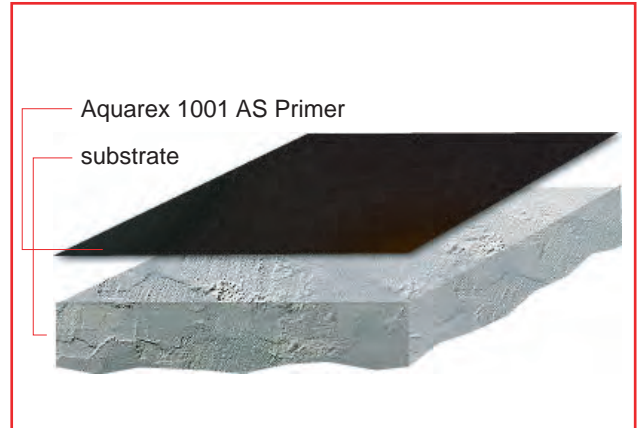
To provide a conductive primer prior to anti-static topping and coating.

**BENEFITS :**

- Easy to apply.
- Excellent adhesive.
- High abrasion resistance.
- 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

**COLOUR**

Black



Technical Data:	
Bond Strength	1.5N/mm <sup>2</sup>
Water Adsorption	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 (as per BS 4247 Part 1 Test A)
Conductivity	1- 0.00 ohm
Foot Traffic	36 hours @ 10°C    24 hours @ 20°C
Vehicle Traffic	36 hours @ 10°C    24 hours @ 20°C
No. Of Coats Recommended	1
No. Of Component	2
Mixing Ratio	4.2:0.8 by weight of Part A & Part B
Pot life	45 mins. at 29°C
Cleaner	Water
Packaging	5kg
Storage & Shelf Life	unopened in dry conditions at 25°C / 12 months
Estimated Coverage	5m <sup>2</sup> /kg/coat
NOTE: Coverage figure given is theoretical-due to wastage factors and the variety nature of the substrate, the practical coverage may be reduced and this may vary with the site application conditions.	



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## **SURFACE PREPARATION**

Substrate to be coated must be sound, clean, and free from any contaminants. Enclosed shot blasting, scarifying or other mechanical means to remove 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 slow speed 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 5m<sup>2</sup>/kg. Constant stir up during application prevent settlement of the heavy filler.

## **Design Criteria:**

**AQUAREX 1001 AS ( Primer )** is designed for application as a conductive primer. Substrate should be dry and not suffer or likely to suffer from rising dampness.

## **Method Of Application**

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

## **Recoating**

Touch Dry: 6hrs. at 25°C  
Maximum Recoating Time: 24 hrs. at 25°C

## **Curing**

**AQUAREX 1001 AS (Primer)** 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.

## **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.

## **ADDITIONAL INFORMATION**

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