

(EW16/04/18)

AQUAREX NG

A WATER DISPERSED NON-GASSING EPOXY COATING

PRODUCT DATA SHEET

CEMKRETE®

ISO 9001 & 14000 CERTIFIED

DESCRIPTION

AQUAREX NG is a non-gassing water dispersed epoxy primer / topcoat.

USES

Ideal for use as floor and wall coatings in high level manufacturing and highly sensitive areas such as electronics, semi-conductors, precision, calibrating, assembly plant, pharmaceutical, clean room and other light industrial area where controlled hygiene, cleanliness are important and where solvent - based material is not suitable.

BENEFITS

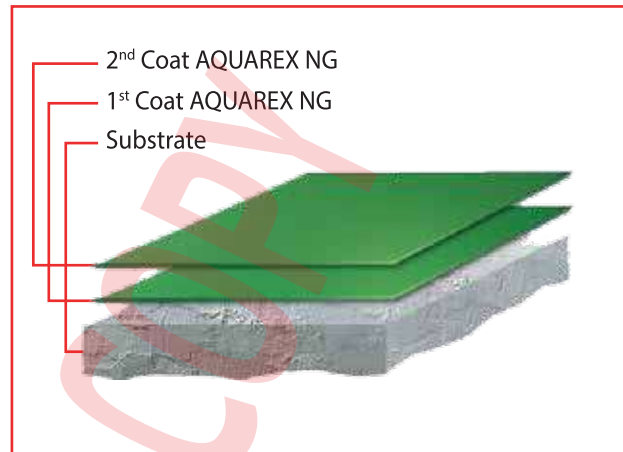
- Reliable and economical.
- Resistant to wide range of chemicals.
- Meet BS 6920-1988 (Part 1) requirement.
- Less sensitive to moisture during application.
- Water Based-makes application in confined places bearable.
- Compatible with cementitious as well as asphaltic substrate.
- Do not leach toxic ingredients after cured; does not contain any amine or ammonia or solvent.

COLORS

Available in Standard Flooring colors.
Other colors can be matched upon request.

FINISH

Satin



Technical Data :	
No of Component	2
No of Coats Recommended	2 - 3
Bond Strength (ACI Committee #503)	>400 psi (100% concrete failure)
Solid Content (mixed)	68% ± 2
Recommended Dry Film Thickness	100µ / percoat
Abrasion Resistance - Taber (CS-17 Wheel)	0.24g/1000g.loading/1000 rpm(CS-17 Wheel)
Temperature Resistance	80°C (dry)
Mixing Ratio	4:1 by weight of Part A & Part B
Pot Life	20 min at 29°C
Cleaner	Water
Estimated Coverage	6m ² /kg/coat/80µ
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.

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SPECIFICATION

Substrate to be coated must be waterproofed, sound, clean and free from any contamination. Mechanical grinding should be employed followed by thorough vacuuming. Apply 2 coats of **AQUAREX NG** at a spreading rate of 6m²/kg/coat in an interval of minimum 8 hours. All application must be carried out in accordance with manufacturers written instructions.

APPLICATION PROCEDURE

SURFACE PREPARATION

Substrate to be coated must be sound, clean, and free from any contaminations. Use mechanical stone grinding 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 using a high power (750 rpm) electric drill fitted with a paint mixer or a wing type mixing paddle. Then pour the entire content of Part B into Part A and continue to mix for 2-3 minutes before use.

APPLICATION

AQUAREX NG can be applied by brush, roller or spray depending on the actual service requirements. It is recommended that test application should be carried out on small area prior to large-scale application to determine the exact procedure. Our technical personnel will be available at site to assist you on request.

On very rough / porous surface, a primer coat may be necessary to seals off the absorbent substrate and that can be achieved by thinning the 1st coat with 15% or more with potable water.

SUBSEQUENT COATS

Can be thinned down with 5% - 10% potable water.

METHOD OF APPLICATION

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

RECOATING

Touch Dry: 8 hours at 25°C
Minimum Recoating Time: 16 hours at 25°C

CURING

AQUAREX NG 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 16 hours.

THINNING

Use clean potable water.

HEALTH & SAFETY

Although **AQUAREX NG** is non-combustible certain ingredients may be harmful if exposure is prolonged or in contacted with. Always use with suitable protective gears. Close container tightly after use. Keep out of reach of children. For further information, refer to the product. Material Safety Data Sheet, 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 today. Contact hotline today.

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