

EPOCOTE 104 SP AS

HIGH PERFORMANCE ANTI STATIC SOLVENT-FREE EPOXY COATING

DESCRIPTION

EPOCOTE 104 SP AS is a solvent-free epoxy coating with static controlled properties. The coating is available in anti-static, conductive or dissipative form.

USES

Ideal for all cementitious substrate that requires anti-static protection. Its ultra-high build formulation allow a thickness of up to 100 microns or more in a single roller application. Recommended usage includes electronics, ammunition plants, military arsenals, flammable solvent handling areas, powder explosions risk areas and electronic "device" handling areas.

BENEFITS

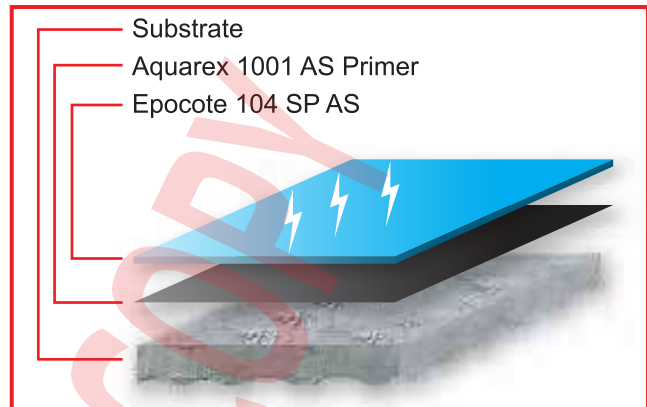
- Excellent resistance to chemical, abrasion, impact and thermal shock.
- Excellent bonding strength with suitable primers.
- Low permeability to water and chloride ions.
- Low odour and food grade.
- Eliminates electrostatic discharge from personnel vehicles and equipment's

COLOR

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

FINISH

Satin



Technical Data :

No of Component	2
No of Coats Recommended	1
Mixing Ratio	5:1
Abrasion Resistance	0.1gm / 1000 gm Loading 1000 cycles
Resistance	5x10 ⁴ to 10 ⁵ OHMS (Conductive) 5x10 ⁶ to 10 ⁹ OHMS (Dissipative)
Solid Contents	100%
Temperature Resistance	80°C (dry)
Compressive Strength	45 N/mm ²
Tensile Strength	12 N/mm ²
Flexural Strength	20 N/mm ²
Bond Strength	>400 psi(100% concrete failure)
Pot Life	30 min at 28°C
Hardeness (Shore D)	70-75
Packaging	6kg
Storage & Shelf Life	3 months in unopened packs at 25°C
Estimated Coverage	4m 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.

WEBSITE

www.cemkrete.com.my

TELEPHONE

+603-8062 4478

FAX

+603-8061 5877

EMAIL

enquiry@cemkrete.com.my



EPOCOTE 104 SP AS

HIGH PERFORMANCE ANTI STATIC SOLVENT-FREE EPOXY COATING

CEMKRETE®

ISO 9001 & 14000 CERTIFIED

SPECIFICATION

Substrate to receive Epocote 104 SP AS should be cleaned, sound and free from any contamination. Mechanical grinding should be employed to prepare surface before coating. All prepared substrate should be primed with Aquarex 1001 AS and apply a single coat of Epocote104 SP AS at a spreading rate of 4m²/kg/coat in strict accordance with manufacturer's instruction.

SURFACE PREPARATION

In strict accordance to the Good Application Practice (GAP) procedures.

MIXING

Stir containers separately and mix well both contents with slow speed power mixer (300 - 400 rpm) for 2 - 3 minutes before use. Do not mix more than that can be used with in the pot life period. Discard any remaining materials after pot life expires.

APPLICATION

Primer/1st Coat

Aquarex 1001 AS (Primer) or Uniprime DX AS 1st coat, applied by roller and spread at 5m²/kg.

Subsequent Coat

Epocote 104 SP AS, single coat, applied by roller and spread at 4m²/kg/coat.

METHOD OF APPLICATION

Brush or lamb's wool roller.

DRYING TIME

Touch Dry is 2 hours at 25°C
Minimum time to recoat is 24 hours at 25°C.

OPEN FOR TRAFFIC

Foot Traffic - 24 hours.
Normal Traffic - 7 days.

CLEANER

Washing Thinner

THINNING

Not required.

HEALTH & SAFETY

Product contain epoxy resins and a mines. Do not take internally. May irritate eyes and skin. 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 our hotline now.

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

www.cemkrete.com.my

TELEPHONE

+603-8062 4478

FAX

+603-8061 5877

EMAIL

enquiry@cemkrete.com.my

