

The Advanced Material

The Significant Differences...

PRODUCT DATA SHEET

Rev. 1/04.05

CONDUCOAT 208 WB ANTI-STATIC EPOXY COATING

DESCRIPTION

CONDUCOAT 208 WB is a two-component water-borne epoxy anti-static coating suitable for application over concrete, mortar, masonry, asbestos, bricks and metal surfaces.

RECOMMENDED USES

CONDUCOAT 208 WB is suitable for wall and floor of industrial or commercial locations where an anti-static environment is required. It is most recommended for interior surfaces of clean rooms, electronic factories, hospital, computer room, printing factories, pharmaceutical factories and other factories and locations dealing with inflammable gases or liquids.

ADVANTAGES

- No odour - application works can be carried out without complete shut down.
- No fire hazard - can be used in areas where solvent-based coatings are not allowed.
- Superior anti-static properties and not affected by ageing.
- Prevents static electric destruction of sensitive components.
- Excellent adhesion to concrete and masonry surfaces.
- Good resistance against mild chemicals.
- Easy to clean - application tools and equipment can be cleaned easily with water after use.
- Environmental friendly - Zero VOC content.

PHYSICAL DATA

Finish	: Satin
Colour	: Topcoat refer to colour chart
Weight Solids	: 60 ± 2 %
No. of Components	: Two
Mixing Ratio	: 4 part of A to 1 part of B by weight
Recommended Thickness	: 50 microns DFT for primer 100 microns DFT for topcoat

Theoretical Coverage	: 4 to 5 m ² /kg for concrete surfaces
No. of coats recommended	: Primer - One coat Topcoat - Two coats
Recoating Time	: Minimum - 8 hours. Maximum - 48 hours.
Packing Size	: 5 kg
Pot life	: 90 to 120 minutes
Surface resistance	: 10^2 to 10^3 ohms for Primer 10^6 to 10^9 ohms for Topcoat

APPLICATION INSTRUCTIONS

SURFACE PREPARATION : The surface to be coated must be thoroughly cleaned and degreased to ensure that oil, grease and other surface contaminants are removed. Surface dust must be removed using industrial vacuum cleaner. Fins and protrusions shall be removed by stoning, sanding or grinding. New concrete shall be allowed to cure for at least 28 days before application of **Conducoat 208 WB** Primer.

PRIMER : **Conducoat 208 WB** Primer can be applied by using roller. Make sure that the required thickness is achieved to ensure good anti-static properties.

MIXING : Stir Part A and Part B thoroughly in their own containers with power mixer, then pour Part B into Part A in the pre-weighed packing and continue to stir. Mix to a uniform consistency before thinning.

THINNING : Thin not more than 20% with clean water for workability.

APPLICATION : **CONDUCOAT 208 WB** Topcoat Can be applied by rollers, brushes or spraying equipment. Make sure sufficient material is applied evenly to the entire surface with 50% overlap every pass. For application in enclosed area, provide sufficient ventilation to ensure proper drying of applied materials.

CURING : In order for the water in the coated film to be released quickly, coated areas must be well ventilated. Coated surface can be open for foot traffic after 24 hours. With good ventilation, topcoats can be applied after 6 to 8 hours.

CLEANING : All application tools and equipment can be water and detergent after use.