

The Advanced Material

The Significant Differences...

PRODUCT DATA SHEET

Rev. 3/07.08

CONDUCOAT SL

ANTI-STATIC SELF-LEVELLING EPOXY

DESCRIPTION

CONDUCOAT SL is a two-component self-smoothing epoxy topping which is conductive in nature. The liquid phase materials will flow and smoothen itself before it hardens. The final product is a seamless, hard-wearing and attractive floor topping which is chemical resistant, dust-free, impervious and easy to maintain.

RECOMMENDED USES

CONDUCOAT SL is suitable for industrial or commercial floors where an anti-static or conductive surface 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 hazardous dust, 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.
- Smooth and Seamless surface - easy to clean.
- Good resistance against most industrial chemicals.
- Environmental friendly - Zero VOC content.

PHYSICAL DATA

Finish	: Gloss
Colour	: Primer - Black Topcoat refer to colour chart
Volume Solids	: 100 %
Typical Surface Resistance	: 10^4 to 10^6 ohms
No. of Components	: Two
Mixing Ratio	: 4 : 1 by weight

Recommended Thickness	: 50 microns DFT for primer, 2m for topping
Theoretical Coverage	: 2.6 kg / m ² @ 2mm
No. of coats recommended	: 1 coat
Drying Time	: Touch dry 6 hrs Light Traffic 12 hrs
Packing Size	: 5 kg & 20 kg
Pot life	: 20 to 30 minutes

APPLICATION INSTRUCTIONS

SURFACE PREPARATION : The surface to be coated shall be thoroughly cleaned and degreased to ensure it is free from oil, grease and other contaminants. Surface shall be vacuum blasted to remove surface laitance and create profile for better adhesion. Fins and protrusions shall be removed by sanding or grinding. New concrete shall be cured for at least 28 days. Concrete slabs must be waterproofed to prevent damages due to rising dampness.

MIXING : Stir PART A thoroughly then add the entire content of PART B into PART A container and mix till homogeneous.

APPLICATION : CONDUCOAT SL can be applied by trowel or squeegee. First pour the mixed materials on the primed surface and spread to the calculated coverage using a trowel or a squeegee. Let it level itself for about 10 minutes and roll with spiked rollers to break bubbles and assist levelling.

THINNING : Thinning is not allowed for solvent free materials.

CURING : Applied materials can be open to light traffic after 12 hours. Full cure can be achieved after 7 days.

CLEANING : All application tools and equipment shall be cleaned with Cleaner #2 immediately after use.