

## Technical Specification

Static Dissipative Polyurethane Paint. SSE Ref: 15002

A two-component system based on a Polyurethane blend designed to protect against static generation. This material is water based with low odour and can be safely applied by maintenance personnel without specialist knowledge of flooring systems.

Two coats are recommended for best results and should be applied over a sound, sealed floor, free from dirt, oil or any loose particles. To comply with the electrical specification it is strongly recommended that the paint be not applied over bare concrete. Where this occurs a Water Based Epoxy Primer should be first applied.

### Physical Properties:

Volume Solids: Approx 35%

Gloss Level: 20% to 30%

Typical Thickness: 40 microns per coat

We recommend 2 thin coats, do not over apply thickness

VOC Content: 25gms/litre

Drying @ 20C: Touch Dry 2 hrs

Hard Dry 16 hrs

Full Cure 7 Days

Pot Life: 2 hrs

Coverage: 9m<sup>2</sup>/Litre per coat (we recommend 2 coats)

Mix Ratio: Base/Activator supplied in correct ratio. Both parts must be FULLY used

Base 4 Parts Activator 1 Part

Thinner: We do NOT recommend thinning this paint

Colour: Light Grey 00A05

Pack Size: 5 litres

### Limitations

We advise against applying if Temperature is below 10C. Curing times are dependent on temperature, humidity and ventilation

### Chemical Resistance:

Spot Test . 10 Days contact time

Paint Film shows very good splash / spill resistance to the following chemicals.:

5% Sodium Chloride 10% Hydrochloric Acid

10% Sulphuric Acid 10% Nitric Acid

5% Acetic Acid 10% Nitric Acid

10% Hydrogen Peroxide

We advise splashes / spills should be cleaned as soon as possible after they have occurred to prevent permanent damage to the coating

### Application Directions:

See separate sheet

### Electrical Properties:

Surface Resistance: 10<sup>5</sup>-10<sup>8</sup> Ohms/Square

Resistance to Ground: 10<sup>5</sup>-10<sup>8</sup> Ohms

Conforms to IEC 61340-5-1/2

Charge Decay: Conforms to MILB81705C