

## AKROFLOR POLYURETHANE FLOOR ENAMEL

### PRODUCT DESCRIPTION

**Akroflor Polyurethane Floor Enamel** is a hard-wearing coating based on a polyurethane modified alkyd resin that produces a tough surface with excellent slip, mar, water resistance, and overcoating properties. **Akroflor Polyurethane Floor Enamel** is a high-performance coating suitable for all substrates including masonry, metals, and wood. Areas typically coated are ablutions, food processing plants, hospitals, clinics, etc.

### SPECIFICATIONS

**Granolithic Floors:** Prepare the substrate by removing all loosely adherent material, etc. Acid etch smooth surfaces with an Acid Degreaser to provide an adhesion key. Wash floor areas to remove all residual acid, dirt and dust. When the floor is completely dry apply 1 coat of **Akroflor** thinned 10% with Mineral Turpentine by volume as a primer, and 2 coats **Akroflor Polyurethane Floor Enamel** to desired colour.

**Metalwork:** Sandblast mild steel metalwork to SA 2.5 or appropriate, and apply 1 coat **Akrotec Anti-corrosive Primer**, followed by 2 coats of **Akroflor Polyurethane Floor Enamel Topcoat**.

### APPLICATION

**Akroflor Polyurethane Floor Enamel** is supplied ready for use. Except for the Primer coat, use as supplied and apply using a brush, roller, or airless spray. Thinning is not recommended, except when applied over extremely friable surfaces and/or as a primer. Do not apply at temperatures below 10 °C, or above 45 °C or a RH above 80%.

### TECHNICAL DATA

• Colour	Range
• Volume Solids (mixed)	50 % +- 1
• Drying Time, Surface	2 hrs @ 25 °C & 50 % RH
• Drying Time, hard	16 to 24 hours @ 25 °C & 50% RH
• Overcoating Time	12 to 16 hrs (if drying time is adhered to per above)
• Spreading Rate	6 to 8 square metres per litre per coat
• DFFT @ 10sqm/ltr	50 microns per coat; recommended system: 100 microns minimum
• Solvent for cleaning	Mineral turpentine

### HEALTH AND ENVIRONMENT

**Akroflor Polyurethane Floor Enamel** contains ingredients that are harmful to mammalian tissue through prolonged contact or ingestion; care should be taken in its use. Solvent fumes are known to affect mucous membranes. Use gloves when applying the product, and appropriate respirators when spraying the coating. Wash spillages on the skin immediately with Mineral Turpentine, followed by soap and water. If irritation persists, consult a physician.

### GENERAL

This information is shared in good faith, is based on our present state of knowledge, and is subject to technological upgrades or advances. We cannot guarantee the performance of our products as we have little or no control over their end use. We do, however, warrant that if used as recommended, the product will perform as specified or expected.