

## AKROTHANE 421 2K POLYURETHANE FLOOR COATING

### PRODUCT DESCRIPTION

**Akrothane 421 2K Polyurethane Floor Coating** is a pigmented industrial coating providing exceptional hardness, slip and mar resistance, and water and beverage resistance. **Akrothane 421** is available as a high gloss and satin finish. **Akrothane 421 2K Polyurethane Coating** is suitable for interior and exterior use for all types of substrates, be it timber, masonry plaster and screeds. **Akrothane 421** is particularly suitable for tough hard-wearing floor applications, and is enhanced by using a non-slip silica aggregate to render the product suitable for high traffic applications.

### SPECIFICATIONS

Prepare substrate by removing all loose adherent material. Acid etch power floated or extremely smooth screeds using an acid etching solution. Apply 1 coat of **Akrothane 421 2K Polyurethane Primer**, apply 2 coats **Akrothane 421 2K Polyurethane Coating** as supplied. Ensure that the overcoating interval does not exceed 24 hours. To render the surface non-slip, mix the silica aggregate in the second coat and apply evenly. Then apply the final coat of **Akrothane 421** as supplied.

### APPLICATION

**Akrothane 421 2K Polyurethane Coating** is supplied Ready for Use by brush, roller, or conventional or airless spray. Thinning is not recommended, except as directed, when a maximum reduction of 10% with **Akrothane 421 Thinners** by volume is recommended, this only for very dry and porous surfaces. Do not apply at temperatures below 10 °C, or above 45 °C or a RH above 80%.

### TECHNICAL DATA

• Colours	Range
• Volume Solids	35 % +- 1
• Drying Time, Surface	2 hours @ 25 °C & 50 % RH
• Overcoating Time	12 to 16 hours (if drying time is adhered to per above)
• Spreading Rate	8 to 10 square metres per litre per coat
• DFFT @ 10sqm/lit	35 microns
• Recommended DFT	75 microns min. of total system
• Solvent for cleaning	Akrothane 421 Thinners

### HEALTH AND ENVIRONMENT

**Akrothane 421 2K Polyurethane Coating** contains ingredients that are harmful to mammalian tissue through prolonged contact or ingestion. Solvent fumes are known to affect mucous membranes. Use gloves and appropriate respirators when applying the coating. Wash spillages onto the skin immediately with soap and water. If irritation persists, consult a physician. Consult your local authority regarding the disposal of spillages.

### 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.

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