

PRODUCT DESCRIPTION & USE

Fleetwood Bio-Tec 2K water-based catalysed epoxy is coating system designed to cope with the demands of modern sanitary areas where the highest levels of aseptic conditions are required. It is a low odour, highly durable semi-gloss 2 pack coating which is resistant to chemical attack abrasive attacks

KEY BENEFITS

- Excellent durability, low odour, flash rust resistant
- Inhibits growth of MRSA, E. coli and other bacteria: Tested under Japanese JIS Z 2801:2000
- Contains highly active silver ion bactericide technology.
- Excellent adhesion giving superior abrasion resistance
- Suitable for use where aggressive cleaning regimes are required.

AVAILABLE IN SIZES



COLOUR RANGE

Fleetwood Bio-Tec 2K water-based catalysed epoxy

Available in Brilliant White and pastel colours from Colour Answers Tinting machines

VOC CONTENT

Contains max VOC; 70 g/l – when combined with hardener
Conforms to EU 2010 Directive (Cat A/j) 140g/l

COMPOSITION (NOMINAL)

Pigment: Lightfast Pigments.
Binder: Epoxy binder
Solvent: Water.

SOLIDS - SPECIFIC GRAVITY

Volume Solids 36.0 % (+/- 1%)
Weight Solids 48.0 % (+/- 1%)
Specific Gravity 1.20 g/l (+/- 0.1)

SURFACE PREPARATION

Surfaces to be painted must be in sound condition. Use in accordance with good painting practice. Remove oil, grease and flaking material. Treat powdery surfaces with Fleetwood Masonry Primer. Surfaces to be painted must be sound, clean, dry and free from all defective or poorly adhering material, dirt, grease and salts. New plaster and masonry must be fully dry before priming. Treat powdery surfaces with Fleetwood Masonry Primer. Use in accordance with good painting practices

SPREADING RATE



As a guide a coverage rate of up to 16m²/litre can be achieved on non-porous surfaces under normal conditions.

REDUCTION

Reduce by up to 10% as required by application and or equipment.

SPRAY RECOMMENDATIONS

Conventional Spray: Satisfactory through most equipment.

Airless Spray: A typical recommendation for airless spray application is a minimum working pressure on paint of 140 kg/cm² (2000 lbs/in²) with a spray tip size of 0.38mm to 0.46mm (15 - 18thou) spray tip angle 65°. Filter mesh 60

DRYING TIMES (SINGLE COAT, STANDARD THICKNESS)



Touch Dry: 1- 2 hours
Recoat: 18 - 24 hours
Full cure 14 days
Pot life up to 72 hours

This is dependent upon temperature and humidity. Darker colours may take longer.
26°C to 50% RH @ 4 Thou wet.

CLEANING UP



Clean up with soap and water. After cleaning up be sure to flush spray equipment with solvent to prevent rusting following manufacturer's instructions. Dispose of can in accordance with local authority guidelines.

TINTING INSTRUCTIONS

Tint only with Fleetwood tinting systems

PRECAUTIONS

Keep out of reach of children. Ensure good ventilation during application and drying. If the product comes in contact with the eyes rinse immediately with plenty of water. To remove splashes from skin use soap and water or a recognised skin cleaner. Do not take internally. **Contains no added lead.**

APPLICATION



The base and activator should be mixed together at a rate of 4:1 by volume. Ensure that the components are completely mixed before application. A first coat thinned with 10% water is recommended where the substrate is particularly porous. The mixture must be used within 72 hours of mixing. The product may be applied by brush, roller or airless spray. If more than one can of a colour is to be used in the same area, intermix before use. Application conditions: Temperature (at least 4°C above dew point) 10°C to 42°C plus relative humidity 75% maximum.

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