

TEXTURED HIGH BUILD EPOXY COATING

**DECORATIVE RIPPLE FINISH
DURABLE ANTI-GRAFFITI WALL COATING
EXCELLENT CHEMICAL AND ABRASION RESISTANCE
OBLITERATES SUBSTRATE DEFECTS**

PRINCIPAL USES:

Wall coating on ablation blocks, prison cells, walkways, hospitals, schools, chemical and pharmaceutical industries.

RESISTANCE:

Resists spillages of most mild inorganic non-aggressive acids and alkalis, most petroleum products and aqueous solutions. Contact our Technical Service Department for specific chemical exposure conditions.

NOTE: Staining may occur depending on length of exposure time, chemical concentration and temperature.

SPECIFICATION:

Prepare surface and apply Pro-Struct 6231 onto primed surfaces in accordance with manufacturer's detailed instructions.

REFERENCE SAMPLE:

A trial reference sample should be installed by the applicator prior to start of contract to ensure correct coverage and workmanship.

INSTRUCTIONS:

SURFACE PREPARATION:

All surfaces, prior to coating, are to be laitance free, clean, dry, sound and level. Oil and grease are to be removed by scrubbing with Carboclean 250 and general grime removed by washing with Carboclean 252. **DO NOT APPLY MATERIAL ON GYPSUM-BASED PLASTERS, OR LOOSE FRIABLE PLASTER.** A minimum tensile strength of 1.5 MPa on substrate must be achieved.

MIXING:

Under no circumstances are the supplied kits to be split. The contents of the components in a kit are to be thoroughly mixed together for 1 minute before use. Empty entire contents of the activator into the base component. Mix thoroughly for 2 minutes with an impeller fitted to a variable speed mechanical mixer. Transfer mixed material into another mixing container, scraping the sides and bottom of the container and remix for another 2 minutes. This step is critical to ensure complete cross-linking of components is achieved. Do not mix by hand.

PRIMING AND PATCHING:

Apply one coat of Pro-Struct 681 Clear Epoxy Primer at 6m² per litre with a roller to seal the pores. Allow to cure for 8 to 12 hours before overcoating. If necessary, patch cracks and holes by filling with Pro-Struct 30/35NS Epoxy Paste. Allow to cure and sand smooth before overcoating.

- 1. Base Coat:** Apply Pro-Struct 6231 thinned with 10% Pro-Struct 104 Epoxy Thinners to give an even base coat colour, at a spread rate of 4 to 6m²/litre.
- 2. Topcoat:** Skim Pro-Struct 6231 with a trowel and finish with a textured roller to achieve a rippled uniform appearance. Texture can vary dependant on type of roller, amount of thinners added, and final direction of rolling with textured roller.

For Light Duty – Spread rate **one** coat at 2.5 to 3m² per litre per coat.

For Heavy Duty – Spread rate **two** coats at 2.5 to 3m² per litre per coat.

CURING:

At normal temperature conditions, the coating system can be exposed to service after 24 hours. Aqueous cleaning and exposure to aggressive chemicals should only take place after 7 days when full cure has been achieved. Clean equipment immediately after use with Pro-Struct 105 Epoxy Brush Cleaner.

CAUTION: Under no circumstances should Pro-Struct 105 Epoxy Brush Cleaner be mixed with any Pro-Struct Epoxy Compound as this will inhibit the curing of the material. To avoid confusion, Pro-Struct 105 Epoxy Brush Cleaner is coloured blue. Remove spots of Pro-Struct Epoxy on hands with water. Always wash well with soap and water after using this material.

TYPICAL PROPERTIES AT 25°C

Finish	Gloss
Colour	Refer to colour chart
Consistency	Liquid
Volume Solids	100%
Theoretical Coverage	Base: 4 to 6m ² /litre/coat Topcoat: 2.5 to 3m ² /litre/coat
Number of Components	2
Mix Ratio by Volume	Mix as supplied
Pot Life	40 to 50 Minutes
Apply Over	Primed concrete and plaster
Apply By	Trowel and textured roller
Curing Time	12 Hours – recoat 24 Hours – service 7 Days – full cure
Thinner	Pro-Struct 104 Do not exceed 10% by Volume
Shelf Life	12 Months
Maximum Service Temperature	60°C wet / dry
Application Temperature Range	15 to 35°C
VOC Content	34g/l