

PLIOXY



DESCRIPTION

PLIOXY is based on a resilient, tough, hard with flexible attributes pure acrylic waterborne resin with adhesion promoters, incorporating a specialized chemically inert filler system with crosslinking properties. The combined properties make an excellent resilient membrane coating. PLIOXY is supplied in colour of choice.

FEATURES

PLIOXY is suitable for application to concrete, steel, aluminium, bricks, timber, bitumen and in many cases several plastics. PLOXY is used with sealer in most cases.

PLIOXY has very good resistance to chemicals and mineral oils.

PLIOXY is a “membrane” coating which has a degree of flexibility with toughness.

PLIOXY can be used with chopped strand 225gm/m² fibreglass or low weight woven roving fibreglass. The composite of fibreglass/PLIOXY has flexibility and memory resorting back to its original shape if bent from its original shape or contour.

If a moulded product is damaged, it is easily repaired for further use as it does not crack or split like conventional fibreglass/resin.

PLIOXY can be applied in thick layers e.g. 1mm thick (1m²/litre) as a three coat application.

PLIOXY can withstand being under water.

PLIOXY with attritive resistance aggregates, has anti slip properties which can stand a high degree of wear.

APPLICATIONS

- Waterproof coating.
- Used with fibreglass (225g/m² chopped strand for moulded products or an overlay on cracked concrete as an example. A separate PDS for this application is available.
- Decorative and trafficable coating for cobble paving, driveways, service areas, patios, swimming pool surrounds and factory floors and walls.
- Work boat deck coating
- Industrial coating for metal, brick or concrete buildings.

DIRECTIONS

Prepare all types of surfaces so they are clean, free of oil, dust, rust laitence and chalky paint respectively. Painted surfaces must be well bound and strongly adhered to the under surface. The paint film must not be chalky or defective. Unpainted surfaces must be integrally bound to the substrate it is on.

Surface Applications:

Timber: Seal with TUFSEAL. Coverage 8-10m²/litre.

Painted surfaces: seal with TUFSEAL:8-10m²/litre.

Concrete: seal with two coats of SCREEDBOND/cement combination as a slurry screed 1L SCREEDBOND to 1L GP cement when mixed covers 4m².

Steel: seal with CORROPEL, 2 coats at 8m²/litre per coat.

PLIOXY is applied over these fully dried individual sealers as a two coat application at 8m²/litre/coat. If the base surface is deteriorated, obtain advice from Calmarc Chemicals before proceeding.

APPLICATIONS

PLIOXY for anti-slip, waterproofing, decks, factory floors: apply by roller, brush or hopper spray at the

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IDENTIFICATION
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PLIOXY



rate of 2-3m²/litre per coat. Two coats are recommended for hard use areas.

PLIOXY for driveways, cobble paving, walls: apply at the rate 8-10m²/litre per coat. Two or three coats may be necessary depending on the state of the surface and degree of use.

PLIOXY: for a stone damage barrier, insulating or sound proofing: apply by roller, trowel or hopper spray at the rate of 1m²/litre per coat. Three coats are recommended for these applications.

Allow each coat to dry (for example 2 hours) before applying the next coat.

NOTE: A seal coat of CALSEAL (colour matched or clear) is recommended to be applied on top of the **PLIOXY** finishes. These sealers enhance and add further protection with the **PLIOXY** coating. Apply the sealer at a rate of 10-12m²/litre. Clean up with water.

CLEAN UP

Clean wet **PLIOXY** with water. For set **PLIOXY**, clean off with MARCMOVE or ZETA ECO..

STORAGE

Store **PLIOXY** in sealed containers in a cool area between 5-30°C and away from foodstuffs.

SAFETY

Wear protective clothing, safety boots and goggles. For skin contact, wash off **PLIOXY** with soapy water. For eye contact, rinse the eyes with water for 15 minutes and seek medical advice.

PACK SIZES

PLIOXY is sold in packs of 5, 10, 20 and 200 litres.

TRANSPORT

PLIOXY is not a hazardous good as defined by Safe Work Australia.

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