

# 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. **PLIOXY** is used with a 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/m<sup>2</sup> 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 used as it doesn't not crack or split like conventional fibreglass/resin.
- **PLIOXY** can be applied in thick layers, e.g. 1mm thick (1m<sup>2</sup>/litre) as a three-coat application.

## APPLICATION

- Waterproof coating.
- Used with fibreglass for moulded products or an overlay on cracked concrete as an example.
- 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 8-10m<sup>2</sup>/litre.

**Painted Surfaces:** Seal with **TUFSEAL**. Coverage 8-10m<sup>2</sup>/litre.

**Concrete:** Seal with 2 coats of **SCREEDBOND**/cement combination as a slurry screed 1L **SCREEDBOND** to 1L GP cement when mixed covers 4m<sup>2</sup>.

**Steel:** Seal with **CORROPEL**, 2 coats at 8m<sup>2</sup>/litre per coat.

**PLIOXY** is applied over these fully dried individual sealers as a two-coat application at 8m<sup>2</sup>/litre per 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 rate of 2-3m<sup>2</sup>/litre per coat. Two coats are recommended for hard use areas.

**PLIOXY for driveways, cobble paving, walls:** Apply at the rate of 8-10m<sup>2</sup>/litre per coat. Two or three coatings may be necessary depending on the state of the surface and degree of use.

**PLIOXY for stone damage barrier, insulating or sound proofing:** Apply by roller, trowel or hopper spray at the rate of 1m<sup>2</sup>/litre per coat. Three coats are recommended.

**PLIOXY finishes.** These sealers enhance and add further protection with the **PLIOXY** coating. Apply the sealer at a rate of 10-12m<sup>2</sup>/litre.

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IDENTIFICATION  
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# PLIOXY



## STORAGE

Store **PLIOXY** in sealed containers under cover in a cool area away from foodstuffs.

## CLEAN UP

Clean up with water when wet. When **PLIOXY** has set, use **MARCMOVE** to remove.

## PACK SIZES

**PLIOXY** is sold in packs of 5, 10 and 15 litres.

## TRANSPORT

**PLIOXY** is not a hazardous product for transport under the guidelines of Safe Work Australia.

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