

## Description

Centrecoat Monoseal is a high solids acrylic based floor and wall sealer. Monoseal is dust proof, resistant to penetration of oils and liquids and is easy to clean. The product is ideal for use in warehouses, garages, car parks, drive ways and sidewalks, walls and columns and industrial floors.

Monoseal is also used as a curing compound and sealer for freshly placed concrete to retain sufficient moisture to ensure full hydration of the cement, while providing excellent adhesion to a variety of plasters and coatings. Monoseal can be used as "look enhancer" of natural stone and decorative plasters and coatings.

Monoseal in general, comes as a clear liquid. However, for some special cures, it can be coloured. Clear Monoseal cures to clear glossy film. It is a UV stable, and after curing, it gives a wet look (colour enhancer) on substrates.

NOTE: If using coloured Monoseal, do not apply under direct sunlight.

## Features

- ▶ Durable finish that seals concrete and natural stone surfaces preventing penetration of oils and liquids
- ▶ Dust proof
- ▶ Abrasion enhancement
- ▶ Improves concrete and mortar curing by protecting the cement hydration
- ▶ Excellent adhesion to all types of plasters and coatings, such as cement, acrylic, bitumen, emulsion and epoxy resin based products
- ▶ Easy application
- ▶ Cost effective

## Preparation

### *Old Concrete:*

The substrate must be sound, clean, dry, even, dense and free from oil, grease, dust and other contaminants. A clean surface will ensure maximum adhesion between the substrate and the coating.

Unsound layers and contaminated concrete surfaces must be prepared using mechanical surface removing equipment. Areas contaminated with oil or grease, should be treated with hot compressed air.

## Application

Apply using brush or lambs wool roller, or airless spray machine. Apply 2 coats of Monoseal onto old concrete floors at a rate between 8 - 10 m<sup>2</sup>/litre.

### *New Concrete:*

For use as curing compound, apply in a single coat at a rate of 4 - 8 m<sup>2</sup>/litre. Second coat is optional.

## Technical Data

- ▶ Colour: Clear. Can be coloured upon request
- ▶ Finish: Glossy
- ▶ Density: 0.92 ± 0.05
- ▶ Solids: 25 ± 1%
- ▶ Viscosity Brook Field: 1 ± 0.5 poise
- ▶ Bond Strength Over C25/30 Concrete (ASTM D4541): ≥ 2 MPa (Concrete Failure)
- ▶ Moisture Loss After 72 Hours (ASTM C156): ≤ 0.4 Kg/m<sup>2</sup> (pass)
- ▶ Water Retention Efficiency (BS 7542): > 90%
- ▶ VOC (ASTM D2369): ≤ 700 g/litre

- ▶ Tack Free: 40 - 50 minutes at 20°C
- ▶ Foot Traffic: 4 hours at 20°C
- ▶ Overcoatable: Between 2 to 26 hours at 20°C (Ensure of clean substrate)

## Coverage Rate

8 - 10 m<sup>2</sup> per litre, depending on concrete porosity.

NOTE: It is advisable to avoid over spreading of Monoseal on substrates.

## Clean Up

Tools and equipment can be cleaned with a suitable solvent Dried Monoseal should be removed mechanically.

## Storage

Store in dry area out of direct sunlight at temperatures between 5°C and 35°C.

## Shelf Life

12 months if stored in unopened packs and under proper conditions.

## Packaging

Available in 5 and 25 Litres

## Health & Safety

Monoseal should not come in contact with skin and eyes. In case of accidental splashes to the eyes, rinse thoroughly with clean water and seek medical advise. Suitable protective gloves and goggles should be worn. Do not use solvent to clean Monoseal from skin.

This data sheet is for general guidance purposes only and may contain information that is inappropriate for certain conditions of use. Accordingly, all recommendations and suggestions are made without guarantee. Further information is available from our Technical Department.