

## WATERPROOFING SLURRY

### PACKAGING



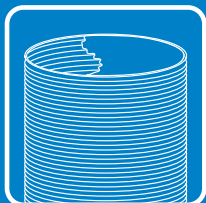
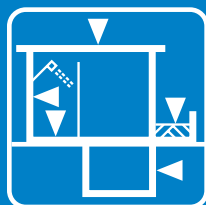
### MIXING



### APPLICATION



### USES



### SUBSTRATES

CONCRETE, BRICK  
BLOCK  
CEMENT SCREED/  
RENDER

### DESCRIPTION

**Driseal 107** is a two pack liquid polymer and cement waterproofing compound and protective slurry with moderate flexibility to accommodate fine cracks and concrete shrinkage cracks for use internally and externally.

### USES

A waterproof slurry/screed for concrete, mortar, render, brick and block work for internal, external vertical and horizontal use. Typical applications include; to seal concrete beams, columns and slabs, soffits, parapets and tunnels. A waterproofing slurry on balconies, terraces, tanks, basements and wet area floors and walls. A protective coating for stopping salt attack in marine applications, i.e. marinas, wharves and piers.

### FEATURES

- Easy to mix and use
- Apply with a brush or trowel
- Excellent adhesion to sound surfaces
- Impermeable to water
- Good abrasion resistance
- Non-toxic

### COVERAGE (Approximate)

2kg/m<sup>2</sup>/coat – (2 coats required – 1mm/coat)

### PERFORMANCE DATA

		28 days
Compressive Strength	-	25 Mpa
Flexural Strength	-	12 Mpa
Adhesion to Concrete	-	3 Mpa
Flexibility (approximately)	-	25%

### SPECIFICATION

The two component, polymer modified cement waterproofing slurry shall have a 25% flexibility and adhesion to concrete of not less than 3 Mpa, such as **Driseal 107** as manufactured by Construction Chemicals and shall be applied in accordance with the manufacturers instructions.

### SURFACE PREPARATION

Concrete, mortar, render, brick and block must be sound and clean of grease, oil, dust, laitance and other contaminants. Steel – clean of oil, grease and rust. Porous surfaces must be thoroughly damp prior to application.

### MIXING

Pour liquid into the mixing vessel and slowly add powder using a slow speed drill (500 rpm) for 3-4 minutes. As the material sets rapidly it is advisable to use only 2 litres of liquid and 7-8kg of powder at a time. Mix initially using 1/2 the required powder then add the remainder slowly to bring the mixture to a uniform, lump free consistency.

**Mix ratios** - Brush application: 2 lt. liquid to 7kg powder  
Trowel application: 2 lt. liquid to 8kg powder

### APPLICATION

Apply using a stiff bristle brush or trowel. Work the material well into the prepared substrate, filling all holes and voids. Place a 50mm bond breaking tape before applying to the wall/floor and wall/wall junctions and over structural cracks. Apply two coats; the second coat at 90° to the first. Bed a 150mm wide glass matt into the first wet coat at junctions where movement is expected. Recoat time is between 4 and 8 hours. If the time between coats exceeds 24 hours, the surface must be highly sanded before proceeding. Clean up uncured material with water.

## CURING

Protect the freshly applied material from direct sunlight, strong wind and rain for 1-2 days. Cure and protect with polythene or damp hessian.

## Limitations

- DO NOT apply at more than 2mm/coat (i.e. 4kg/m<sup>2</sup>)
- Application temperature > 10°C
- DO NOT use on surfaces subject to constant hydrostatic pressure, as the product will not cure.

## STORAGE

Store off the ground in dry cool environment. Close open bags promptly to eliminate moist air.

## PRECAUTIONS

**Driseal 107** powder is slightly alkaline – gloves should be used.

Remove splashes from skin and eyes with clean water.

Apply a test area prior to proceeding with the job.

## SHELF LIFE

1 year.



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