

PAINT INDUSTRIES PTY LTD

A.C.N. 008 753 839

TELEPHONE

(09) 437 1488

FAX: (09) 410 2395

61 Lionel Street
Naval Base 6165
WESTERN AUSTRALIA

P.O. BOX 83
North Fremantle 6159
WESTERN AUSTRALIA

MADE IN WA
GUARANTEED QUALITY
DATE: 31/01/2009

PRODUCT BULLETIN

S.C.506

FLEXI-SEAL - 1014 Liquid Waterproofing Compound

Description: Flexi-Seal is a black rubberised bituminous, high build, elastomeric waterproofing membrane which remains waterproof even in continually wet conditions. Flexi-Seal is specially formulated to inhibit moisture movement through porous surfaces such as brick and masonry.

Properties: High Build and extremely flexible. Waterproof. Outstanding elongation to provide for any structural movements. No special primer required. Outstanding adhesion. Permanently flexible. Non Toxic.

Uses: For waterproofing areas subject to regular or permanent ponding &/or immersion. Typical applications include, flat roofs, retaining walls, planter boxes, garden pools, decking, leaking gutters etc. Also used on cement or brick walls & floors of shower recesses prior to fixing tiles.

In areas where added strength is required Flexi-Seal can be reinforced with a non-woven polyester fabric or fibre glass matt.

Surface Preparation: All surfaces must be dry and free of grease, oil, water and general dirt. Concrete Surfaces should be smooth and without protrusions so as to provide for a continual, unbroken film of Flexi-Seal.

Blow Holes & honeycombing of concrete must be filled with suitable concrete repair compound & brought back to profile.

Form release agents or curing agents must be completely removed by high pressure washing or sand blasting.

Metal Surfaces showing corrosion should be thoroughly wire brushed and a coat of Top Dek Zinc Rich Primer applied. Clean mild steel can be primed with Top Dek Red Oxide Zinc Phosphate Primer.

Thinning: Not recommended.

Application: A minimum of two full coats is recommended. Apply by brush, soft nylon broom, long nap roller or airless spray. Method of application and number of coats will determine final dry film thickness.

A dry film thickness of a minimum of 600 microns is recommended for general waterproofing. This will be achieved with two full coats of Flexiseal.

On new surfaces, to provide maximum adhesion it is recommended that a primer coat consisting of one part Flexiseal mixed with one part water, be applied to the prepared surface, allowed to dry overnight, and then the first full coat applied.

At this stage **if required**, whilst the coating is still wet non woven fabric or fibre glass matt may be rolled into the coat. This reinforcing is only recommended on corners, joins, around penetrations or on heavy duty traffic areas.

Apply second full coat at right angles to first coat.

On show recess application or where tiles are to be applied it is recommended that silica sand be mixed with second coat of Flexiseal to provide a key for tile fixing.

Spread Rate: Generally it is recommended that Flexi-Seal should be used at the rate of 1 square metre per litre applied via 2 coats.

PRODUCT BULLETIN

S.C.506

FLEXI-SEAL - 1014
Liquid Waterproofing Compound

Shower Recesses: Waterproofing of cement render, prior to the fixing, can be achieved by application of a primer coat (as above) and 2 coats of Flexi-Seal at the rate of 2-3 m² per litre total for two coats.

Drying Time: At 25°C, 50% R.H.

Touch dry	40 – 60 min
Recoat	4 – 6 hrs
Hand dry	24 hrs
Full cure	7 days

Precautions: Do not apply Flexiseal when temperature is below 10°C or may fall below 10°C during drying period.

Do not apply Flexiseal if rain or heavy dew is expected within 24 hrs.

Do not apply Flexiseal to substrates with a moisture content of more than 15%.

U.V. Protection: In exposed areas Flexiseal will have limited resistance to U.V. In these situations Flexiseal should be protected with a cementitious topping, tiles or a suitable protective coating.

Clean-Up: After removing surplus Flexi-Seal from roller, brooms and roller tray, half fill tray with water and clean the equipment. Finally clean rollers and brooms by immersing and rinsing in mineral turps.

Standard Packaging: 20L 4L

Colour: Black