

# FLEXSEAL

**A multi-purpose waterproofing liquid that is mixed with Portland cement to create a waterproofing slurry**

## 1. USES

- Sealing of balconies
- Flower boxes
- Soil retaining walls
- Showers
- Reservoirs
- Ponds

## 2. ADVANTAGES

- Watertight once mixed
- Excellent adhesion properties
- Durable and flexible
- Ease of application; simply mix and apply by brush
- Non-toxic
- Can be used with **Flexseal** membrane

## 3. COVERAGE

1 litre **Flexseal** produces 2.5 litres waterproof slurry. This will cover 1m<sup>2</sup>.  
 (The above figure will depend on site conditions).

## 4. SURFACE PREPARATION

All surfaces must be clean, properly cured and sound. All loose material must be removed mechanically, either by wire brush or sand/water blasting. The surface must be free from oil, paint, grease or any other product that might reduce the bonding process.

## 5. MIXING TABLE

FLEXSEAL	WATER	PORTLAND CEMENT	TOTAL
1 Litre	1 Litre	3.4kg	2.5 Litre
5 Litre	5 Litre	17kg	12.5 Litre
10 Litre	10 Litre	34kg	25 Litre
25 Litre	25 Litre	85kg	62 Litre

## 6. MIXING INSTRUCTIONS

1. Only mix sufficient product that can be used within 90 minutes.
2. Mix **Flexseal** and water in equal proportions by volume, (see table for guidelines) and pour mixture into clean mixing container.
3. Add required amount of Portland cement (see table for guidelines).
4. Mix until lump-free consistency is achieved (mechanical mixer is preferred).
5. Mix regularly during application, but **NEVER** add more liquid.
6. A lump-free consistency should be obtained.

## 7. APPLICATION WITH MEMBRANE

1. Pre-wet substrate with water.
2. Ensure that the substrate is kept damp and apply the primer coat using a brush.
3. Pre-cut the **Flexseal Membrane** into convenient sizes.
4. Place membrane into container, until soaked with slurry.
5. Remove soaked membrane and apply to primed surface, overlap adjacent membrane at least 50mm.
6. Remove all air bubbles that might be trapped under membrane using a brush.
7. Cover membrane with a generous coat of slurry.
8. Once cured a final coat might be necessary, but this will depend on conditions.

## 8. APPLICATION WITHOUT MEMBRANE

1. Saturate the **BRICK** substrate and apply a coat of slurry using a block brush.
2. Once the first coat has dried sufficiently, apply a second coat.
3. While second coat is still tacky, apply render/plaster as normal.

## 9. CURING

Protect from wind and direct sunlight and rain for at least 24 hours after application.

For submerged applications i.e. water reservoirs, curing should take place for at least 48 hours before filling up.

## 10. CLEANING

Uncured **Flexseal** can be removed with water.

Cured material can only be removed mechanically.

## 11. DISPOSAL

Dispose in accordance with local regulations.

## 12. HEALTH AND SAFETY

Safety data sheets –available on request

Shelf life	12 Month in unopened container.
Storage	Store in dry area and protect from direct sunlight
Colour	Off-white liquid
Pot Life	60-90 minutes depending on conditions.
Initial cure	24 hours.
Full cure	28 days.

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Cleaning	Uncured – water Cured - mechanically
Coverage	See table.
Packaging	25 litre