

# SAFEGUARD



Chemicals S.A.

Manufacturers & Distributors of Waterproofing & Dampproofing Products. Reg No  
2005/149627/23

## LATSEAL

### Preventing Lateral Damp through Soil

#### 1. Description

**Latseal** is a pre-mixed formulation of a plastic modified hydraulically setting cement. When mixed with diluted **Bondaid Plus** and applied to the masonry substrate, silicate salts form at the interacting faces. These salts enter and fill the pores and capillaries of the substrate, forming a monolithic bond that blocks the passage of water and becomes an integral part of the structure. These properties make **Latseal** the ideal water-proofing solution for a wide range of situations from reservoirs to tunnels to basements – this data sheet deals only with its use in preventing the ingress of damp through soil-retaining walls. Data sheets covering other applications are available.

#### 2. Before Application

**Latseal** should be applied before plastering takes place and before windows, linings, staircases, radiators, brackets, wires, pipes, electrical sockets etc... are fitted.

#### 3. Preparation of the Substrate

**Latseal** should be applied only to good, sound substrates.

#### 4. Mixing

Pre-dilute **Bondaid Plus** at a ratio of 1:4 with clean water (**Bondaid Plus** supplied as part of the **Latseal** Waterproofing Kit is supplied ready diluted - no further dilution is necessary). Using a clean container, slowly add 25kg **Latseal** (powder) to 6-8 litres of the diluted **Bondaid Plus** whilst mixing, until a smooth, workable consistency is achieved. It is possible to mix **Latseal** by hand, however, using a mechanical mixing paddle will ensure better consistency.

#### 5. Application

Wherever there is a chance that the SWS system could come under significant levels of hydrostatic pressure, a **FILLET SEAL** should be installed as part of the system. **When in doubt, ALWAYS install a Fillet Seal.**

**First Coat** – Apply using a hard bristle brush (block brush) to a thickness of approximately 3mm using horizontal strokes. Where severe dampness is being covered, a few weak spots may be identifiable after the first full coat has dried. Go over the areas in question, allowing a sufficient overlap onto the surrounding drier areas.

**Second Coat** – Allow the first full coat to settle overnight. Apply the second coat in the same fashion as the first coat to a thickness of approximately 2mm, and using vertical strokes.

Where severe dampness is being covered, a few weak spots may be identifiable after the second coat has dried. Should this occur, a third coat of **Latseal** should be applied over the areas in question, allowing a sufficient overlap onto the surrounding drier areas.

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All products should be used in accordance with the manufacturer's instructions. Whilst any information and/or specification contained herein, is to the best of our knowledge, true and accurate, no warranty is given, or implied in connection with any recommendations, or suggestions made by us, our representatives, agents or distributors as every possible variation in the method of its use or conditions under which it is applied cannot be anticipated.

## **6. Fixings**

Ideally, the waterproofed surface should not be punctured as this creates a point of weakness. Where it is not possible to avoid a fixing, special procedures should be followed (available on request).

**\*NOTE: Where water pressure exists, the waterproofed surface should not be punctured at all.**

## **7. Coverage**

Depending on the substrate being covered, 1 x 25kg bag of **Latseal** will cover approximately 12m<sup>2</sup> per coat i.e. 6m<sup>2</sup> for two coats.

## **8. Disposal**

Dispose in accordance with local regulations.

## **9. Storage**

Store in a cool, dry place.

## **10. Health and Safety**

Read material safety data sheet, available on request.

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