

SAFEGUARD**MANUFACTURERS & DISTRIBUTORS OF WATERPROOFING & DAMP PROOFING PRODUCTS.**

Chemicals S.A.

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SWS SLURRY

Cement-based waterproofing coating, used for sealing and protecting structures exposed to active or passive water

1. Uses

- Cellars
- Basements
- Tunnels
- Underground parking areas
- Water-retaining structures

2. Advantages

- No need for surface to be dry, can be applied on to damp substrate.
- Excellent waterproof barrier.
- Excellent adhesion properties to sound substrate.
- Ease of application, simply mix and apply by brush.
- Non-toxic.

3. Coverage

Each 25kg will cover 6m² in two coats.

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 Instructions

SWS Slurry is a two component system, requiring the addition of pre-diluted **Bondaid Plus** (Liquid).

6. Mixing Bondaid Plus (liquid)

- Use a clean empty container and add 5 litres of undiluted **Bondaid Plus** into the container.
 - Add 20 litres of clean water to the container.
 - This will make 25 litres of pre-diluted **Bondaid Plus**.
- (if you purchased the **SWS Waterproofing Kit**, no pre-dilution will be required).

7. Mixing SWS (Powder) and Pre-diluted Bondaid Plus (Liquid)

- Only mix sufficient product that can be used within 40 minutes.
- Pour pre-diluted **Bondaid Plus** (Liquid) into a clean mixing bucket. 6-8 litres of pre-diluted liquid is required per 25Kg bag of **SWS Slurry**.
- Slowly add **SWS Slurry** (Grey powder) to liquid while mixing (mechanical mixer is preferred).
- A lump-free consistency should be obtained.
- Let product stand for 5 minutes and re-temper if necessary.



8. Application

Dampen the substrate thoroughly with clean water before applying **SWS Slurry**.

Ensure that the substrate is still damp, apply the first coat with a hard bristle brush to a thickness of 2mm.

Once the first coat has dried sufficiently (2 to 6 hours) a second coat can be applied; a third coat might be necessary on areas of high water infiltration.

NOTE: Flexseal Membrane can also be used with the **SWS Slurry** to seal cracks and to reinforce points of stress like corners and joints.

9. Limitations

The maximum thickness in one application should not exceed 3mm.

10. Curing

Protect from wind and direct sunlight for at least 12 hours.

11. Cleaning

Uncured **SWS Slurry** can be removed with water.

Cured material can only be removed mechanically.

12. Compressive

Strength:	28 days	53N/m
Tensile strength	28 days	4.5
Flexural strength	28 days	11
Adhesive strength	28 days	3.1
Initial cure	24 hours	
Full cure	28 days	
Cleaning	Uncured – water	
	Cured – mechanical	
Coverage	6m ² in two coats	
Packaging	25kg bags	

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