

SAFEGUARD



Chemicals S.A.

Manufacturers & Distributors of Waterproofing & Dampproofing Products. Reg No
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SWS SAFECRETE

Cement-based waterproofing coating, used for sealing and protecting structures exposed to penetrating damp

1. Use

SWS SafeCrete is based on the successful SA Tanking (SWS Slurry) tested by Taywood Engineering in UK. It may be used as a waterproof protective covering to external and internal brickwork and incorporates a colour pigment. Tested to resist 3 bars of water pressure, it represents an ideal one-time application giving a waterproof, plaster finish. Suitable for RDP homes, perimeter walls and natural cement finishes on internal walls.

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.
- Can be used to produce a smooth, floated or bag-wash finish.
- Saves time, labour and cost in a one-time, waterproof, coloured finish

3. Coverage

Each 25kg bag will cover 16m² in one coat.

The above figure will depend on site conditions and thickness of application.

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

a. 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**.

b. Mixing SWS SafeCrete (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. 8 litres of pre-diluted liquid is required per 25Kg bag of **SWS SafeCrete**.
- Slowly add **SWS SafeCrete** (Grey powder) to liquid while mixing (mechanical mixer is preferred).

Safeguard Chemicals SA (Pty) Ltd. PO Box 1032, Sundowner 2161

Tel: +27 11 708 3603 Fax: +27 11 708 3620. E-mail: info@safeguardchem.co.za

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.

- A lump-free consistency should be obtained.
- Let product stand for 5 minutes and re-temper if necessary.

5. Application

SWS SafeCrete can be applied with a trowel to produce a plaster-type finish or with a hard bristle brush to produce a bag-wash finish

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

Ensure that the substrate is still damp, apply the first coat with a hard bristle brush or trowel to a thickness of 2mm – 3mm depending upon the type of finish required.

Once the first coat has dried sufficiently (2 to 6 hours) a second coat can be applied.

7. Limitations

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

8. Curing

Protect from wind and direct sunlight for at least 12 hours and dampen from time to time to prevent rapid drying out and cracking.

9. Cleaning

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

Cured material can only be removed mechanically.

10. Compressive

Strength:	28 days	53N/m
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Tensile strength	28 days	4.5
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Flexural strength	28 days	11
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Adhesive strength	28 days	3.1
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Initial cure	24 hours	
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Full cure	28 days	
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Cleaning	Uncured – water	
	Cured – mechanical	

Coverage	6m ² in two coats
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Packaging	25kg bags
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11. Storage

Store in a cool, dry place.

12. Health and Safety

Material safety data sheet available on request.

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