

Data Sheet

SAFEWALLSEAL

High Performance Water Based Masonry Sealer



DESCRIPTION

SAFEWALLSEAL is a water based, low odour, polyurethane acrylic dispersion for sealing masonry and renders.

SAFEWALLSEAL is a white, translucent liquid which forms a film after evaporation of the water. The film is clear and highly resilient. Heavy applications will cause the cured film to have a milky appearance. Extended drying will allow the sealer to become clear.

BENEFITS

- Penetrates and seals masonry surfaces to protect against the effects of weathering.
- Dries to a clear transparent film that resists yellowing under exterior or ultraviolet exposure.
- Gives an alternative to solvent based materials where fumes may be objectionable, undesirable, or noncompliant.
- Suitable for use on renders and block work
- Reduces or eliminates efflorescence
- Complies with SI 2773 Environmental Protection.
Sub Category c; Exterior Walls of Mineral Substrate with a maximum VOC of 75g/l

INSTRUCTIONS FOR USE

Surface Preparation - The surface should be clean and free of moulds, mildews or other plant growth. Remove any other materials that may prevent adhesion of the **SAFEWALLSEAL**. Avoid spraying onto windows, doors or surrounds by masking where necessary.

Surfaces need not be dry but excessive dampness will reduce penetration.

Mixing - **SAFEWALLSEAL** should be used directly from the container.

Application - Apply at a uniform coverage by spray, brush or roller. **SAFEWALLSEAL** may be sprayed with a hand held "pump-up" sprayer or with an airless industrial sprayer. If roller applied, use a short 8-10mm. nap sleeve.

Sealing - Generally a second coat will be required, apply within 24 hours.

CLEANING

Immediately after spraying, clean line and nozzle thoroughly with water.

Brushes and rollers can also be cleaned with water.

COVERAGE

	First Coat	Optional Second Coat
Sealing and Dustproofing Masonry	3-5 m ² /litre	5-7 m ² /litre

*Coverage rates assume dense bricks. Coverage will vary from the above rates depending on surface porosity and texture.

AVOID EXCESSIVE BUILD-UP. THICKER APPLICATIONS MAY LEAD TO DISCOLORATION AND IMPROPER SEALER PERFORMANCE.

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TECHNICAL INFORMATION

Typical Engineering Data

The following results were developed under laboratory conditions for a 0.1mm wet film.

Drying Time* at 20°C, 60% RH 1-2 hours

Recoat Time** 3-4 hours but <24 hrs

VOC Content 30g/l

Adhesion to clay bricks ASTM D-4541 excellent

Weatherometer testing

ASTM G-53, @ 500 hours

Ultraviolet resistance good

Chalk resistance no chalking

Check/peel resistance no deterioration

* Low surface or air temperatures and/or high relative humidity will extend drying times.

**Where a second coat is to be applied, application must be within 24 hours to ensure proper intercoat adhesion.

LIMITATIONS

Do not use in rain or if rain is expected in next 4 hours. Do not use in freezing temperatures. Suitable for most general applications but should not be used where persistent moisture is present. Where bricks have softened or pointing is friable, repairs should be carried out before application of **SAFEWALLSEAL**.

PACKAGING

210, 25 and 5 litre containers

STORAGE

Keep containers sealed. Store in dry conditions at room temperature and away from direct heat. Protect from frost. When stored correctly in unopened container storage stability is 2 years.

HEALTH AND SAFETY

Avoid physical contact with material and inhalation. If contact with skin should occur wash with a suitable antiseptic cleaner and then soap and water. If splashes should affect eyes, bathe immediately with clean water and if discomfort persists seek medical advice.

Reference should be made to the separate **SAFEWALLSEAL** Health and Safety literature.