

# Data Sheet

## SAFEBLOCKSEAL

### High Performance Water Based Block Paving Sealer



#### DESCRIPTION

**SAFEBLOCKSEAL** is a water based, low odour, polyurethane acrylic dispersion specifically developed for sealing block paving.

**SAFEBLOCKSEAL** 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 block paving 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 other concrete or clay paving materials
- Improves cohesion of sand infill

#### INSTRUCTIONS FOR USE

**Surface Preparation** - The surface and joints should be clean and free of moulds, mildews or other plant growth. Remove any other materials such as oil or grease that may prevent adhesion of the **SAFEBLOCKSEAL**. Apply any weed control products according to instructions.

Avoid spraying near vehicles. Surfaces need not be dry but excessive dampness will reduce penetration.

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

**Application** - Apply at a uniform coverage by spray, brush or roller. **SAFEBLOCKSEAL** 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.

Only apply sufficient **SAFEBLOCKSEAL** to give a seal without building a shiny surface that may be slippery in wet conditions.

#### 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 Block Paving	5-7 m <sup>2</sup> /litre	7-9 m <sup>2</sup> /litre

\*Coverage rates assume dense blocks. 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 blocks** 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.

#### 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 **SAFEBLOCKSEAL** Health and Safety literature.