

Data Sheet

SAFEFLOORSEAL

High Performance Water Based Concrete Floor Sealer



DESCRIPTION

SAFEFLOORSEAL is a water based, low odour, polyurethane acrylic dispersion, white translucent in appearance, which after evaporation of the water forms a highly durable film with a tenacious bond to concrete

FUNCTION

SAFEFLOORSEAL penetrates into the concrete to block the surface pores and bind together the surface particles.

BENEFITS

- Increases surface abrasion resistance
- Provides excellent dustproofing properties
- Assists cement hydration of newly set concrete
- Protects against effects of weathering
- User friendly to operatives
- Suitable for interior and exterior floors
- Offers an alternative to solvent based materials where fumes may be objectionable, undesirable, or noncompliant
- Complies with SI 2773 Environmental Protection. Sub Category i; One Pack

USAGE INSTRUCTIONS

Surface Preparation - The surface should be clean, touch-dry and free of any surface deposits and contaminants. Any necessary cleaning should be done by the use of strong detergents or caustics rather than with acids. Excessive surface dust may cause the sealer to ball-up and to prevent this vacuuming is preferable to sweeping.

Application – Using a sprayer brush or roller neat **SAFEFLOORSEAL**, directly from the container should be applied uniformly at a coverage rate of 5-8 m²/litre depending upon surface porosity and texture. In the event that a second application is required to achieve full pore blocking this should be carried out not less than 3 hours and not more than 24 hours after the first application. The milky appearance of any residue remaining on the surface will disappear after evaporation of the water to leave a clear transparent film.

CLEANING APPLICATION EQUIPMENT

Immediately after use, and before the material has dried, clean thoroughly with water. If a sprayer has been used, pay particular attention to the cleaning of the line and nozzle.

TECHNICAL INFORMATION

Typical Engineering Data

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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

Foot Traffic 4-6 hours

Wheel Traffic 6-10 hours

VOC Content 30g/l

Adhesion to Concrete

ASTM D-4541 excellent

Weatherometer testing

ASTM G-53, @ 500 hours

Ultraviolet resistance good

Chalk resistance no chalking

Check/peel resistance no deterioration

Very low air temperatures and/or high relative humidity will extend drying times.

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LIMITATIONS

Suitable for most general applications but should not be used where persistent moisture is present or where spills of chemical products, fuels or other aggressive agents are likely. In such instances please consult Adomast for alternative products.

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 **SAFEFLOORSEAL** Health and Safety literature.