SafeFloor & Wall Seal

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High Performance, Water Based Concrete Sealer

SAFEFLOOR & WALLSEAL is a water based and non-hazardous blend of high performance polymeric coatings which form a highly durable and protective film on concrete surfaces.

SAFEFLOOR & WALLSEAL once applied increases the surface abrasion resistance, provides excellent dust proofing resistance, protects against the effects of weathering and is suitable for both interior and exterior applications

Advantages

- Penetrates and seals concrete 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 non-compliant.
- 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 30g/l

Application

Surface Preparation:

The surface should be clean and free of mould, mildews or other plant growth. Remove any other materials that may prevent adhesion of the SAFEFLOOR & WALLSEAL. Avoid spraying onto windows, doors or surrounds by masking where necessary. Surfaces ideally should be dry but excessive dampness will reduce penetration.

Mixing:
SAFEFLOOR & WALLSEAL should be used directly from the container.

Application:

Apply at a uniform coverage by spray, squeegee, brush or roller. SAFEFLOOR & WALLSEAL 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:

If a second coat will be required, apply within 24 hours of first coat to ensure interlayer adhesion

Cleaning:

Immediately after spraying, clean line and nozzle thoroughly with water. Brushes and rollers can also be cleaned with water.

Limitations:

Do not use in rain or if rain is expected in next 4 hours, or if surfaces are wet. 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 application of SAFEFLOOR & WALLSEAL

Technical Information:

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

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

- 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.

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Coverage

Sealing and Dustproofing Concrete: First Coat 4-6 m²/litre Optional Second coat: 6-8m²/litre. *Coverage rates assume dense bricks, and will vary from the above rates depending on surface porosity and texture.

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

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.

Shelf Life

1 year when stored as per the instructions above.

Specification

SAFEFLOOR & WALLSEAL is manufactured by Adomast Manufacturing Ltd and shall be applied strictly in accordance with the manufacturer's instructions. For specific advice regarding any aspect of this product, please consult our Technical Department

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.

See Safety Data Sheet for further information.

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