

Technical Specifications

Water Based Concrete and Masonry Sealer Coating

Adoseal WB is a new high performance water based polyurethane coating, which is ideal for sealing and protecting timber, masonry and concrete surfaces. Adoseal WB will quickly form a protective barrier film on the surface of the substrate. The film is clear and highly resilient and has excellent resistance to surface contaminants. It is easy to keep clean and has very good wipe down characteristics. Adoseal WB will penetrate and seal masonry surfaces to protect against the effects of weathering and offers excellent UV stability both indoors and outdoors. Adoseal WB is an excellent alternative to solvent based construction sealers and coatings.

Advantages

- Easy to apply with a roller or brush. Suitable for both vertical and horizontal surfaces.
- Solvent free coating and very low VOC levels.
- Surface film has excellent durability and stain resistance.
- Adoseal WB has good water vapour permeability which allows the substrate underneath to breathe.
- Excellent clean-ability, UV & stain resistance

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 hours
- VOC content 30g/l

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

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 Adoseal WB. Avoid spraying onto windows, doors or surrounds by masking necessary. Surfaces need not be dry but excessive dampness will reduce penetration.

Mixing:

Adoseal WB should be used directly from the container.

Application:

Apply at a uniform coverage by spray, brush or roller. Adoseal WB may be sprayed with a hand held "pump-up" 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.

Limitations:

DO NOT USE in rain or if rain is expected in the 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 Adoseal WB.

Coverage

5m²/litre depending upon surface porosity. A second coat can be applied at 7-9m²/litre.

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

Storage

Packed in 5, 20 and 25 litre pails. Store in accordance with Health & Safety regulations for water borne emulsions. Protect from frost. Re-seal after use. If surface skin has formed in an open can, remove skin and use residual materials as normal.

Shelf Life

Shelf life is 12 months in the supplied sealed container subject to storage temperature and humidity.



Specification

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



Health and Safety

Adoseal WB is safe to used being water based, non-flammable and non toxic. Therefore the normal precautions apply.
Avoid splashes to skin and eyes. Wash with copious amounts of clean water and seek medical advice if any adverse symptoms persist.
See separate product specific Health & Safety Data Sheet.