

Safecure Sealer

Technical Specifications



Water Based, Low VOC Concrete Curing and Sealing Compound

SAFECURE SEALER is a blend of high performance polyurethane and acrylic polymers that when applied to a freshly laid concrete surface will dry to a clear film for curing, sealing and dustproofing concrete.

Safecure Sealer is suitable for use over new and old concrete and performs well on both interior and exterior concrete.

Advantages

- Forms an efficient moisture barrier for optimum curing of concrete
- Seals concrete surfaces to protect against the effects of weathering
- Hardens concrete surfaces by promoting proper cement hydration
- Helps eliminate dusting through good strength development
- No VOC
- Dries to a clear transparent film that resists yellowing under exterior or ultraviolet exposure (see Limitations)
- Gives an alternative to solvent based materials where fumes may be objectionable, undesirable, or non-compliant

Application

Surface Preparation – The concrete surface must be clean and free of standing water. Remove any sealer or other material that may prevent adhesion of the SAFECURE SEALER.

Mixing – SAFECURE SEALER requires no pre-blending and should be used directly from the container.

Application – Apply at a uniform coverage by spray or roller application. Product 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.

Curing – For the best cure of freshly placed concrete, apply SAFECURE SEALER as soon as possible after finishing operations and/or immediately after the disappearance of the “sheen” of surface moisture.

Sealing – When sealing old concrete, remove contaminants and stains such as waxes, grease and oil with strong soaps or caustics rather than acids. The surface must be clean and dampened with water prior to application, however, any standing water should be removed.

Apply SAFECURE SEALER at recommended coverage rates. If a second coat is desired, apply within 2-4 hours of the previous coat.

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

Coverage

Curing and Sealing New Concrete: First Coat 4-6 m²/litre Second coat: 7-10 m²/litre

Sealing and Dustproofing Old Concrete: First Coat 6-9 m²/litre Second coat: 9-11 m²/litre

*Coverage rates assume hard trowelled floors. 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.

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

2 years in unopened containers



Specification

SAFEKURE SEALER 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

Prolonged physical contact should be avoided, where contact with skin occurs, the material should be removed with soap and water. If splashes affect eyes, they should be bathed immediately with copious quantities of clean water and if discomfort persists, medical attention should be sought without delay.

See Safety Data Sheet for further information.