Safecure Standard

Technical Specification

Aqueous Based High Performance Concrete Curing Compound

Applied to the surface of freshly laid concrete, SAFECURE STANDARD physically 'locks' in moisture allowing full hydration of the cement, thus allowing the concrete to fully cure. This can be achieved by covering the surface of the concrete with a very thin temporary membrane that prevents moisture in the concrete from leaving the surface. Benefits – reduces surface shrinkage and cracking, more durable hard wearing surface and prevention of dusting. SAFECURE STANDARD is also available in a fugitive dye tinted form to assist visual indication during application – SAFECURE STANDARD T

Advantages

- Reduces surface shrinkage and cracking by controlling moisture loss from exposed surfaces.
- Increases water resistance.
- Enables cement to hydrate more efficiently.
- Prevents dusting.
- Non-toxic and non-flammable.
- Eliminates need for damp hessian, sand or polythene
- NO VOC's

Application

SAFECURE STANDARD is spray applied to the surface of newly placed concrete. The concrete should be free from surface water and the nozzle of the spray should be held approx. 450 mm from the concrete surface and passed back and forth to ensure complete coverage. The pump pressure should be maintained at a level producing a fine spray. Touch Dry Time: 2 to 4 hours dependent upon temperature and wind.
Curing agents do not provide thermal protection. It may be advisable to provide independent thermal protection in cold weather.
For any subsequent processing of the concrete surface, all traces of Safecure Standard must be completely removed, by physical abrasion, prior to carrying out the next process, to ensure the optimum adhesion & performance to the concrete of that subsequent process

Coverage

Apply the selected grade by spray at a rate of approximately 4–6 m^2 per litre, taking care to ensure complete coverage. Immediately after use the spraying equipment , especially the spray nozzle, should be thoroughly washed out with clean and if possible warm water. This will help ensure the nozzle does not become blocked with dried polymer latex and affect subsequent spraying.

Storage

Keep containers sealed. Store in dry conditions at room temperature and away from direct heat. Protect from frost. When stored correctly in an unopened container, storage stability is 12 months. If stored for more than 14 days please mix/agitate before use.

Shelf Life

Storage stability is one year in sealed containers.

Specification

SAFECURE STANDARD 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

During application avoid contact with eyes and skin. In the event of eye contact irrigate immediately with copious quantities of water and then seek medical advice. In the event of skin contact, wash with soap and water.

See separate Safety Data Sheet for further information.

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