Safecure Super 90W

Technical Specifications

90% Efficiency Wax Emulsion Concrete Curing Compound

SAFECURE SUPER 90W is a low viscosity water based polymeric wax emulsion. It is a high efficiency concrete curing compound.
The moisture barrier film created controls and prevents large amounts of water evaporation which in turn permits more efficient cement hydration. The concrete created has better durability, surface quality and compressive strength.
The concrete also has significantly reduced levels of plastic shrinkage, surface cracking and defects.

Advantages

- Reduces surface shrinkage and cracking by controlling moisture loss from surfaces.
- Increases water resistance.
- Enables cement to hydrate more efficiently.
- Curing efficiency >90% to BS 7542:1992
- Prevents dusting.
- Non-toxic and non flammable.
- Eliminates need for damp hessian, sand or polythene
- NO VOC

Specification

Solids Content >30%

Density 0.935-0.980 kg/m^3

pH >6.70

Colour: White

Application rate for optimum performance: 4-5m^2

Application

SAFECURE SUPER 90W 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. 450mm 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. Rate of application will be 160 to 270 ml/m^2 (4 - 6 m^2/ltr).

Touch Dry Time: 1 to 4 hours dependent upon temperature and wind. Hard Dry Time: 18 to 24 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 Super 90W must be completely removed, by physical abrasion, or hot water jet-washing 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 thoroughly before use

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Shelf Life

1 year from date of manufacture when stored in original sealed container . Shake container well before use.

Specification

SAFECURE SUPER 90W 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. If contact with skin should occur wash with soap and water. If splashes should affect eyes, bathe immediately with clean water and if discomfort persists seek medical advice.

See separate Safety Data Sheet for further information.

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