

Water-based Wax Emulsion Concrete Curing Compound

Description

PENTENS WAX-E is a water-based concrete curing compound based on a low viscosity wax emulsion. It is ready for use and simple to apply. It is supplied as a white emulsion which forms a clear thin film on drying, covering the surface of the concrete to prevent premature water loss due to evaporation.

Uses

PENTENS WAX-E is used mainly for structural concrete surfaces to form a thin film barrier against premature water loss, ensuring more efficient cement hydration, improved durability and reduced shrinkage.

- Roads
- Bridgeworks
- Runways
- Aprons and hardstands
- Roof decks
- Retaining walls
- Beams and piers
- Precast and concrete elements

Advantages

- Improves curing of concrete.
- Enhances cement hydration.
- Provides a more durable concrete.
- Minimises shrinkage.
- Reduces dusting.
- Convenient spray application.
- Water-based, non-flammable.

Technical & Physical Data

Appearance	White liquid
Specific Gravity	0.95 kg per liter
Storage Conditions	Store in a dry, cool place
Shelf Life	12 months when unopened
Packaging	20 liter /pail 200 liter /drum

Instruction for Use

Stir well before use.

PENTENS WAX-E should be sprayed onto the surface of newly-placed concrete as soon as possible after the surface bleed water disappears.

PENTENS WAX-E may also be applied on the surface of newly-hardened concrete immediately after demoulding. In such cases, the concrete surface must be damp and not dry.

Minimum application temperature is 5°C.

Spray equipment should be held back and forth on the concrete surface to ensure fine and complete coverage. Do not walk on the applied film before it is fully dry.

Coverage rate: 0.2-0.3 liter/m².

Cleaning

Clean all tools and equipment immediately with water. Hardened material can only be removed with white spirit or suitable solvents.

Health and Safety

Wear suitable protective gloves and eye/face protection while applying PENTENS WAX-E. It is non-toxic and non-irritating to the skin. Splashes on the skin should be removed with water. In cases of eye contact, rinse immediately with water for at least 15 minutes and seek medical treatment. If swallowed, seek medical treatment immediately – do not induce vomiting.

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