

Cure-X 1100

Water based, Wax based Concrete Curing Compound with white pigmented

Description

Cure-X 1100 is water and wax-based concrete curing compound which is modified with acrylic copolymer when properly applied provides a premium-grade membrane that optimizes water retention. The white pigment reflects the sun's rays to help keep the concrete surface cooler and prevent excessive heat buildup. **Cure-X 1100** meets the moisture retention of ASTM C309-81 (type 2, class A) and BS 7542

- When properly applied, provides a premium-grade film that optimizes water retention.
- Protects by reflecting the sun's rays to keep the concrete surface cooler and prevent excessive heat buildup, which can cause thermal cracking.
- Furnished as a ready-to-use, true water-based compound.
- Produces hard, dense concrete ... minimizes hair cracking, thermal cracking, dusting, and other defects.
- Enhances the functional capabilities of concrete by "sealing in" the performance assets of strength and long life.
- Offers a compressive strength significantly greater than improperly cured or uncured concrete.
- Increases tensile strength for greater resistance to cracking and surface crazing.
- Improves resistance to the abrasion and corrosive action of salts and chemicals ... minimizes shrinkage.
- Applies quickly and easily with conventional commercial spray equipment.
- VOC compliant.

Fields of application

Cure-X 1100 is used as anti-vaporising curing agent for fresh concrete surfaces, such as highways, airports, pre-cast elements and street paving. The product provides excellent curing when protection from the sun's heat is desired. It is also suitable for vertical surfaces. desired.

Technical data

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| Form: | White Liquid |
| Specific gravity: | 1.05 ± 0.05 g/cm ³ |
| Solid Content: (ASTM C 1644) | 26% |
| Drying time: (ASTM C 1315) | Approx. 02 hrs and 15mins @ 25°C |
| Moisture retention: applied at 7.5 m ² /l (ASTM C 156) | 0.35 kg/m ² |
| Curing efficiency: applied at 7.5 m ² /l (BS 7542) | ≥ 90% |
| pH | 8.0 – 9.0 |

Directions to use

Mixing

Any settlement can be re-dispersed with gentle agitation prior to use.

Application

Spray on in one even coat with a hand or power sprayer as soon as the surface water disappears from horizontal concrete surfaces. Spray **Cure-X 1100** in a regular, smooth film. Spraying in two crossed passes will enable to avoid blanks. It should be applied after final finishing and soon after disappearance of water sheen from



concrete surface. It is important not to apply **Cure-X 1100** when water is still standing on concrete. If concrete has already lost some of its surface water then it is recommended to fog down the surface before application.

Consumption

6-8.5 m²/l Coverage varies with application method, texture and porosity of surface.

Cleaning

Prior to drying, equipment may be easily cleaned with soap and water. Once dried, use mineral spirits or other suitable petroleum solvent solvents.

Packaging

Cure-X 1100 is available in 4kg, 10kg, 20kg, 200kg and 1000kg drums.

Shelf life

12 months from production date if stored in original, unopened packaging, at temperatures between +5°C and +35°C. Protect from direct sunlight and frost.

Health & safety

Avoid direct contact with this product. Use of safety glasses, rubber gloves, and protective clothing is recommended. If contact occurs, wash affected areas with mild soap and water. Keep product out of reach of children.

Refer to Safety Data Sheet for complete health and safety information.

Notes

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