

Antisol®-E

Concrete curing compounds

Product Description

Liquid curing compound for preventing water loss in concrete. Ready for use and simple to apply.
Antisol®-E complies with ASTM C 309-81 type 1 or 2 Class A.

Uses

Antisol®-E is sprayed onto newly laid concrete surfaces to form a thin film barrier against premature water loss. Without disturbance to the normal setting action, the concrete is allowed to cure and achieve maximum properties.

Antisol®-E is particularly useful in large areas of exposed concrete, such as:

- Highways
- Runways and taxiways
- Aprons and hard standings
- Roof decks
- Retaining walls
- Pre-stressed beams and piers
- Irrigation canals / channels

Characteristics / Advantages

- Reduces incidence of plastic cracking
- Ensure achievement of desired strengths
- Minimises shrinkage
- Reduces dusting
- Increases frost resistance
- Alleviates other costly methods such as hessian-watering

Product Data

Form

Appearance / Colours Liquid-Emulsified Paraffin wax whitish

Packaging 25 and 200 litre drums

Storage

Storage Conditions / Shelf-Life 12 months from date of production if stored properly between +5°C and +30°C in unopened original packaging. Protect from frost.

Technical Data

Density ±0.98 (clear)kg/l and ±1.02 kg/l (white)



System Information

Application Details

Consumption / Dosage The consumption depends on wind, humidity and temperature.
As a general guide: 0.15 - 0.20 litre/m². Apply at 0.2 l/m² for ASTM C309.

Application Method/ Tools Stir the Antisol[®]-E well before use!
Antisol[®]-E curing membrane has been designed for spray application to the newly laid concrete. A thin film of Antisol[®]-E is applied to the whole surface using a hand or motor operated spray gun. For large areas and concrete "trains", application can be carried out by power driven automatic equipment.
Important:
Remaining films have to be removed prior to application of any screed or coating. After application the treated area must be protected from rain for at least 2-3 hours.
Surface conditions
The surface water of the newly laid concrete must have evaporated (between ½ to 2 hours depending on temperature, etc.)

Cleaning of Tools Clean all tools and application equipment with petrol immediately after use.

Notes All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

Local Restrictions Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

Health and Safety Information

Protective Measures To avoid rare allergic reactions, we recommend the use of protective gloves. Change soiled work clothes and wash hands before breaks and after finishing work.
Local regulations as well as health and safety advice on packaging labels must be observed.

Ecology

Transportation Class

Important Notes Residues of material must be removed according to local regulations. Fully cured material can be disposed of as household waste under agreement with the responsible local authorities.
Detailed health and safety information as well as detailed precautionary measures e.g. physical, toxicological and ecological data can be obtained from the Material Safety Data Sheet.

Toxicity

Legal Notes

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