

PRODUCT DATA SHEET

Sika® Antisol® E-15

EMULSIFIED PARAFFIN WAX BASED CONCRETE CURING COMPOUND

DESCRIPTION

Sika® Antisol® E-15 is a liquid, emulsified paraffin wax based curing compound for preventing water loss in concrete. The product is ready for use and easy to apply. Suitable for use in hot and tropical climatic conditions.

USES

Sika® Antisol® E-15 is mainly used for structural concrete surfaces where subsequent surface treatment will not be required. Sika® Antisol® E-15 curing compounds are sprayed onto newly laid concrete surfaces to form a thin film barrier preventing premature water loss, without disturbance of the normal setting action. The concrete is then allowed to cure and achieve its maximum physical properties.

Sika® Antisol® E-15 is particularly useful in large areas of exposed concrete, such as:

- Roof decks
- Retaining walls
- Pre-stressed beams and piers
- Irrigation canals and channels

CHARACTERISTICS / ADVANTAGES

- Reduces incidence of plastic cracking
- Ensures achievement of desired strengths
- Minimises shrinkage
- Reduces dusting
- Eliminates need for other costly methods of curing

APPROVALS / CERTIFICATES

Sika® Antisol® E-15 follows the requirements of ASTM C 309; Type 1; Class A

PRODUCT INFORMATION

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|---------------------|---|
| Composition | Parrafin wax |
| Packaging | 20 L and 200 L drums |
| Appearance / Colour | White liquid |
| Shelf life | 12 months from date of production if stored properly |
| Storage conditions | Store in undamaged, unopened, original sealed packaging in dry conditions at temperatures between +5 °C and +45 °C. Protect from direct sunlight and frost. |
| Density | ~0.90 kg/l (+25 °C) |

APPLICATION INFORMATION

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|-------------|---|
| Consumption | ~5 - 6 m ² /l or 0.16 - 0.19 kg/m ² The rate of coverage depends on wind speed, relative humidity, temperature conditions and surface profile of the concrete. |
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APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

Allow the surface water of the newly laid concrete to evaporate between ½ to 2 h depending on temperature etc. before application.

Not suitable for applications to dry surfaces.

APPLICATION

Stir the Sika® Antisol® E-15 well before use. The Antisol® E- range of curing compounds has been designed for spray application onto newly laid concrete.

Apply a thin, even, film of Sika® Antisol® E-15 to the whole surface using a hand or motor operated spray gun.

After application clean all equipment and tools with soapy water.

IMPORTANT CONSIDERATIONS

After application of Sika® Antisol® E-15 the treated area must be protected from rain for at least 2 - 3 h. Any remaining Sika® Antisol® E-15 curing film has to be removed prior to the application of any subsequent screed or coating.

BASIS OF PRODUCT DATA

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

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for the exact product data and uses.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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ISO 14001: Sika UAE LLC,
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OHSAS: Sika UAE LLC,
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All products are supplied
under a management
system certified to conform
to the requirements of the
quality, environmental and
occupational health &
safety standards ISO 9001,
ISO 14001 and OHSAS
18001.

Product Data Sheet

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