

PRODUCT DATA SHEET

Sika® Antisol® WB

CURING COMPOUND, PRIMER, SEALER AND SURFACE HARDENER FOR FRESHLY LAID CONCRETE

DESCRIPTION

Sika® Antisol® WB is a ready to use, solvent free, water based liquid curing compound for preventing the evaporation of mixing water in concrete. It is ready for use and simple to apply.

Suitable for use in hot and tropical climatic conditions.

USES

Sika® Antisol® WB can be applied on site and in precast plants. It has been specially developed for use as a high quality curing and sealing compound for interior or exterior applications.

Sika® Antisol® WB is suitable for all kinds of concrete, horizontal and vertical applications and large areas of exposed concrete, such as:

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

CHARACTERISTICS / ADVANTAGES

Sika® Antisol® WB has the following characteristics:

- Reduces incidence of plastic cracking
- Forms stable film on the surface to provide excellent curing and sealing properties
- Ensure achievement of desired strengths, minimize shrinkage
- Alleviates other costly methods such as Hessian – watering
- Increases frost resistance
- Reduces dusting. Seals, primes and hardens cement based compositions
- Non-flammable, non-toxic and non-staining
- Considerable reduction in loss of water from concrete
- Cured film acts as primer between concrete surface and coating material

APPROVALS / CERTIFICATES

Sika® Antisol® WB follows the requirements of ASTM C 309; Type 1; Class A

PRODUCT INFORMATION

Composition	Aqueous solution of acrylic copolymer dispersion
Packaging	20 L cans 200 L drums
Appearance / Colour	White milky 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, heat, moisture and frost
Density	~1.00 kg/l (+25 °C)

APPLICATION INFORMATION

Consumption	The rate of coverage depends on wind, humidity and temperature. As a general guide: 0.2 – 0.5 kg/m ²
Ambient Air Temperature	+5°C min. / +50°C max.

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

Allow the surface water of the newly laid concrete to evaporate before application. This is normally between half to two hours depending on relative humidity, ambient temperature and wind speed. Mould surfaces must be clean and free from moisture, dirt and laitance. Any residues of rust and concrete must be removed before application.

APPLICATION

Stir the Sika® Antisol® WB well before use. Do not dilute or mix with other materials. Sika® Antisol® WB has been designed for spray application to newly laid concrete. Spray equipment must be capable of generating a fine mist to not damage the wet concrete surface. Manual spray equipment is more preferable. Sika® Antisol® WB is applied in thin layers with a fine, white dotted appearance; covering the complete surface (an additional application may be necessary in case of highly absorbent formwork). Accumulations of Sika® Antisol® WB should be avoided. Any excess should be wiped off using a cloth or sponge. After application, an evaporation period of ~20 minutes should be observed before pouring concrete.

FURTHER INFORMATION

Clean all tools and equipment immediately with warm soapy water.

IMPORTANT CONSIDERATIONS

Sika® Antisol® WB is un-degradable compound, so it is not necessary to remove it. It can be consider as a primer for another application.

If in doubt, do a trial area. After application, protect the area from rain for at least 2 to 3 hours.

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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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.

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