

PRODUCT DATA SHEET

SikaTard® ET

SET-RETARDING ADMIXTURE

DESCRIPTION

SikaTard® ET is a set-retarding admixture that can be used for each type of concrete, screeds or mortars. SikaTard® ET - complies with ASTM C 494 type B

USES

Concreting during hot weather

The set-retarding effect of SikaTard® ET avoids a sudden rise in concrete temperature during setting and makes its use absolutely necessary

- When the temperature is high,
- In the case of great-mass concretes: dams, etc.

Concreting rework

The long set retardation SikaTard® ET can cause makes it possible to rework concreting after it has been discontinued for several hours without any other precaution than a protection against drying.

Long-duration concrete transport

The use of SikaTard® ET allows trouble-free transportation of any concretes over long distances in any conditions (temperatures, risk of traffic jam)

Improvement of the workability

SikaTard® ET acting as a retarding plasticizer can be used for placing any types of concrete and more especially:

- When a greater workability is required
- For pumped concrete
- For as-stripped concrete (architectonic aspect)

PRODUCT INFORMATION

Packaging	<ul style="list-style-type: none"> ▪ 1,000 L IBC ▪ 200 L drum ▪ 20 L pails
Shelf life	36 months in original unopened packaging
Storage conditions	Store in a dry area in original packaging at temperatures between 5°C and 35°C. Protect from direct sunlight and frost.
Appearance and colour	Light Brown

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Density	1.09 ± 0.03 kg/l
pH-Value	8.5 ± 1
Total chloride ion content	≤ 0.1 %
Equivalent sodium oxide	≤ 3.0 %

APPLICATION INFORMATION

Recommended dosage	<p>From 0.4 to 1% by weight of cement, depending on the required effect.</p> <ul style="list-style-type: none"> ▪ Usual dosage : 0.4 to 0.7% ▪ The dosage of 1% may be exceeded when setting has to be slowed for a long time. <p>Tests must be made with various contents under site conditions (especially the temperature) so as to determine the content needed to obtain the required result.</p>
Dispensing	SikaTard® ET is added in the gauging water or simultaneously poured with it in the concrete mixer.

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.

FURTHER INFORMATION

Non-toxic.
Upon contact with skin, wash off thoroughly with water.

IMPORTANT CONSIDERATIONS

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.

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.

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 exact product data and uses.

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.

SIKA ABYSSINIA

Chemicals Manufacturing PLC
Sebeta, Welete · Addis Ababa
ETHIOPIA
Phone: +251.113.679.748
Web: eth.sika.com

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