

PRODUCT DATA SHEET

Sika® Plastocrete® N KE

WATERPROOFING CONCRETE ADMIXTURE

DESCRIPTION

A liquid admixture for concrete that acts as a highly efficient plasticizer both water reducing and waterproofing agent.

USES

Sika® Plastocrete® N KE is recommended for use in waterproofing of masonry and concrete structures such as:

- Reservoirs and dams
- Sewerage works
- Canals
- Culverts, tunnels Water-tanks, swimming pools and wherever waterproof concrete is required.

CHARACTERISTICS / ADVANTAGES

Sika® Plastocrete® N KE provides the following properties:

- Improved workability without increased water content
- Allows easier compaction leading to denser concrete and superior finish
- Increased strength and durability
- Reduced shrinkage
- Improved watertightness
- Increased cohesiveness of mortar
- Chloride free-does not attack reinforcement

APPROVALS / CERTIFICATES

Sika® Plastocrete® N KE Complies with ASTM. C 494 - 81 Type A.

PRODUCT INFORMATION

Composition	Modified Lignosulphonate
Packaging	5 Lit / 25 Lit / 200 Lit PE Drum / 1000 Lit IBC Tank
Appearance / Colour	Brown Liquid
Shelf life	12 months from the date of production
Storage conditions	Store at protected area from direct sunshine at temperature between 5 and 40 degree celcius
Density	1.06±0.02
pH-Value	5.5 - 7.5

APPLICATION INFORMATION

Recommended dosage	Normal 0.5% by weight of cement. Sika® Plastocrete® N KE is compatible with all types of Portland cement
Dispensing	Sika® Plastocrete® N KE Liquid should be dispensed directly into the mixing water, prior to its addition to the aggregates. Accurate dispensing equipment is available on request. Where overdosing accidentally occurs, apart from retardation of initial set, no detrimental effect will take place

BASIS OF PRODUCT DATA

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.

USES

Accidental overdosing of Sika® Plastocrete® N KE causes an extension of the initial setting time, however, no excessive amount of additional air will be entrained. In the case of overdosing do not disturb the concrete. Ensure the concrete is properly cured. Consult Sika's Technical Department.

ECOLOGY, HEALTH AND SAFETY

Ecology: Do not dispose into water
Transportation Class: Non-hazardous
Waste disposal: According to local law
Important notes: Avoid contact with food-stuffs and utensils. Avoid prolonged skin contact. In the event of contamination wash thoroughly with water. If the eyes or mouth are affected wash with clean water and obtain medical attention immediately.

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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