

PRODUCT DATA SHEET

Sika® Plastocrete® N

WATERPROOFING ADMIXTURE

DESCRIPTION

A liquid admixture for concrete that acts as a highly efficient plasticizer both water reducing and waterproofing effect on among cement grains. Plastocrete® N Complies with ASTM. C 494 - 81 Type A.

USES

Sika® Plastocrete® N 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 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

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
Specific Gravity	1.155 - 1.195 kg/L
pH-Value	6.5 -8.5

APPLICATION INFORMATION

Recommended Dosage	200 - 800 CC per 100kg of cement weight. Sika® Plastocrete® N is compatible with all types of Portland cement including S.R.C
Dispensing	Sika® Plastocrete® N 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.

LIMITATIONS

Accidental overdosing of Sika® Plastocrete® N 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.

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

Ecology: Do not dispose into water

Transportation Class: Non-hazardous

Waste disposal: According to local law

Important notes: Avoid contact with foodstuffs 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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