

PRODUCT DATA SHEET

Sika® Plastocrete® N PK

Waterproofing & Water reducing admixture.

DESCRIPTION

Sika® Plastocrete® N PK is a liquid admixture for concrete that acts as both water reducing and waterproofing effect on among cement grains.

USES

Sika® Plastocrete® N PK 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 water-proof concrete is required .

CHARACTERISTICS / ADVANTAGES

1. Improve watertightness .
2. Reduced shrinkage during curing and reduced creep when hardened .
3. Increased strength and durability .
4. Improved workability without increased water content
5. Increased cohesiveness of mortar.

PRODUCT INFORMATION

Chemical Base	Modified Lignosulphonate based product .
Packaging	05 ltr jerry can 20 ltr plastic can 200 ltr drum 1000 ltr IBC Bulk supply in tanker is possible on demand
Appearance / Colour	Brown liquid
Shelf Life	12 months minimum from production date if stored properly in original unopened packaging.
Storage Conditions	The product must be stored properly in undamaged, unopened original sealed packaging in dry conditions at temperatures between +5° C and +35° C. Protect from direct sunlight and frost.
pH-Value	≥ 6
Specific gravity	1.15 ± 0.03
Concreting Guidance	The standard rules of good concreting practice, concerning production and placing, are to be followed. Laboratory trials shall be carried out before concreting on site, especially when using a new mix design or producing

new concrete components. Fresh concrete must be cured properly and curing applied as early as possible.

Recommended Dosage

0.5 % by weight of total cementitious materials.

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.

LIMITATIONS

1. A suitable mix design has to be taken into account.
2. Over dosage of Sika® Plastocrete® N PK with excess water will cause:
 - Increase in air entrainment.
 - Extend Initial & Final setting time

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. It may be necessary to adapt the above disclaimer to specific local laws and regulations. Any changes to this disclaimer may only be implemented with permission of Sika® Corporate Legal in Baar.

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