

PRODUCT DATA SHEET

Sika[®] Plastiment[®]-230 N

Water reducing concrete admixture

DESCRIPTION

Sika[®] Plastiment[®]-230 N is a versatile and economical concrete plasticiser with a wide dosage range suitable for various applications. Suitable for use in tropical and hot climatic conditions.

USES

Sika[®] Plastiment[®]-230 N is used wherever high quality structural concrete is required. Its plasticising effect is particularly useful where:

- Exposed surfaces are important
- Maximum performance is desired
- Placing conditions are difficult
- Precast elements are produced

CHARACTERISTICS / ADVANTAGES

Sika[®] Plastiment[®]-230 N provides the following properties:

- Improved workability without increased water
- Reduced water without loss of workability
- Increased strengths
- Improved surface finish
- Unaffected setting times
- Reduced shrinkage and creep

PRODUCT INFORMATION

Composition	Based on naphthalene formaldehyde sulphonate
Packaging	200L, 1000L IBC
Appearance / Colour	Dark brown
Shelf life	12 months from date of production if stored properly in undamaged, unopened, originally sealed packaging.
Storage conditions	In a dry area between 5°C and 35°C. Protect from direct sunlight, frost and contamination
Density	1.10 g/cm ³ ± 0.02
Recommended dosage	0 - 3% by weight of cement. Kindly note that the dosage given here is only a suggestion and in some cases may exceed the maximum recommended dose. It is advisable to carry out trial mixes to establish the exact dosage rate required
Dispensing	Sika [®] Plastiment [®] -230 N is added to the gauging water prior to its addition to the dry mix. Allow enough time for the concrete to mix thoroughly. Sika [®] Plastiment [®] -230 N should not be added to dry cement.

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.

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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