

PRODUCT DATA SHEET

Sika® Plastocrete® Plus

WATERPROOFING CONCRETE/MORTAR ADMIXTURE

DESCRIPTION

A concrete / mortar admixture in liquid form that acts both as a plasticizer and waterproofing compound.

USES

Sika® Plastocrete® Plus is recommended for use in structural concrete such as:

- Sloped Roof Slab
- Flat Roof Slab
- Beams
- Columns
- Slabs etc

Also used in:

- Internal and external plaster of buildings etc.
- Repair and renovation

CHARACTERISTICS / ADVANTAGES

Sika® Plastocrete® Plus provides the following beneficial properties :

- Improved workability without increased water content
- Allows easier compaction leading to denser concrete and superior finish
- Reduced shrinkage
- Improved water tightness
- Chloride free - does not attack reinforcement

APPROVALS / STANDARDS

IS 2645, IS 9103

PRODUCT INFORMATION

Chemical Base	Modified Ligno Sulphonate
Packaging	20 kg, 100 kg, 200 kg, 230 kg
Appearance / Colour	Dark Brown Liquid
Shelf Life	12 months from date of production if stored properly in undamaged unopened, original sealed packaging.
Storage Conditions	Store in dry conditions at temperatures between +10°C and +40°C. Protect from direct sunlight and frost.
Density	~1.08 at 25°C
pH-Value	≥ 6

APPLICATION INFORMATION

Recommended Dosage	0.05 – 0.2% by weight of cement. Actual dosage to be finalised on the basis of site trials.
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Compatibility

Sika® Plastocrete® Plus may be combined with many other Sika® Products. Important: Always conduct trials before combining products in specific mixes and combinations. Compatible with all types of cement and cementitious material.

APPLICATION INSTRUCTIONS

DISPENSING

Sika® Plastocrete® Plus liquid should be dispensed directly into the mixing water, prior to its addition to the aggregates.

LIMITATIONS

If over dosed it may retard the setting time of concrete. But no other detrimental effect will take place. If frozen and/ or if precipitation has occurred, Sika® Plastocrete® Plus may be used after thawing slowly at room temperature and after intensive mixing.

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.

LOCAL RESTRICTIONS

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 Material Safety Data Sheet 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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