

## PRODUCT DATA SHEET

# Sika® Plastocrete® Super BD

Liquid Integral water reducing cum waterproofing admixture

### DESCRIPTION

Water reducing and waterproofing admixture for all types of concrete and mortar.

### USES

Sika® Plastocrete® Super BD is recommended for use in structural and mass concrete, particularly for the following:

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

Also used in:

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

### FEATURES

Sika® Plastocrete® Super BD provides the following beneficial properties :

- Compatible with all varieties of Portland cement including Slag Cement.
- Required at a very small dosage hence convenient to handle and greater economy
- Improves water tightness to a great extent.
- Reduced shrinkage, better finish
- Improves workability
- Rebound loss is low
- No added chloride- does not attack reinforcement

### CERTIFICATES AND TEST REPORTS

ASTM C-494, IS 9103-1999 and IS 2645-1975

### PRODUCT INFORMATION

<b>Composition</b>	Modified Naphthalene Formaldehyde Sulphonate
<b>Packaging</b>	500gm, 1kg, 5kg, 10kg, 20kg
<b>Appearance and colour</b>	Brown liquid
<b>Shelf life</b>	Best before 12 months from date of production if stored properly in undamaged, unopened, original sealed packaging.
<b>Storage conditions</b>	Store in dry conditions at temperatures between +10°C and +40°C. Protect from direct sunlight and frost.
<b>Density</b>	~1.04 at 25°C
<b>pH-Value</b>	≥ 6

## APPLICATION INFORMATION

<b>Recommended dosage</b>	0.2% by weight of cement (100g per 50kg bag of cement)
<b>Compatibility</b>	Sika® Plastocrete® Super BD 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.

## 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.

## FURTHER DOCUMENTATION

If frozen and/or if precipitation occur, Sika® Plastocrete® Super BD may be used after thawing slowly at room temperature and after intensive mixing.

## 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.

## APPLICATION INSTRUCTIONS

### DISPENSING

- Mix cement, aggregates and sand and dry mix
- Add 50-70 % of required water and mix the mass to make it moist
- Add Sika® Plastocrete® Super BD to the remaining water and pour it in the mixing drum and mix the entire quantity for approx. 3 minutes to achieve homogeneous mix

## LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product 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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### Product Data Sheet

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