

PRODUCT DATA SHEET

SikaPlast[®]-200 LB

Water Reducing/Plasticizing Concrete Admixture

PRODUCT DESCRIPTION

SikaPlast[®]-200 LB is a liquid admixture for concrete which is used as a water reducer/plasticizer.

USES

SikaPlast[®]-200 LB is a unique product that is suitable for the production of ready mixed concrete

- Applications that require high quality concrete
- Applications that require improved consistence retention
- Highly efficient concrete

CHARACTERISTICS / ADVANTAGES

- Water reductions resulting in higher strengths and densities
 - Flexible application
 - Less sensitive to variations in cement and aggregate types
 - Improved cohesion properties
 - Improved early and ultimate strengths
 - Improved rheology
 - Improved durability
 - Reduced segregation and bleeding
 - Reduced drying shrinkage
 - Reduced mix costs
- * Compared to concrete without admixture

APPROVALS / STANDARDS**PRODUCT INFORMATION**

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|---------------------------|---|
| Chemical Base | Modified Polycarboxylate |
| Packaging | Bulk in IBC |
| Appearance / Color | Light Brownish Liquid |
| Shelf Life | 12 months from date of production if stored properly in undamaged containers. |
| Storage Conditions | Store in dry conditions at temperatures between +5°C and +25°C. Protect from direct sunlight and frost. |
| Specific gravity | 1.04 kg/l \pm 0.015 (at +20°C) |

APPLICATION INFORMATION

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| Recommended dosage | 0.5 – 2 % by weight of cement |
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| Compatibility | SikaPlast®-200 LB may be combined with all types of Portland cement (OPC and SRC), concretes containing pozzolanic materials such as GGBS, PFA, micro-silica. Not compatible with admixtures based on sulfonated naphthalene or melamine. |
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APPLICATION INSTRUCTIONS

Application Method / Tools

- The standard rules of good concreting practice, concerning production as well as placing, are to be followed. Refer to relevant standards. Fresh concrete must be cured properly.
- SikaPlast®-200 LB should not be added to dry cement
- SikaPlast®-200 LB should be added with the mixing water

Notes on Application / Limitations

When using SikaPlast®-200 LB a suitable mix design is required, and local material sources should be evaluated.

DISPENSING

SikaPlast®-200 LB should be dispensed through suitable calibrated dosing equipment.

VALUE BASE

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

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

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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