

PRODUCT DATA SHEET

Sika® Plastiment® SD-2

PLASTICISER FOR SEMI-DRY CONCRETE

DESCRIPTION

Sika® Plastiment® SD-2 is based on a blend of synthetic and natural admixtures. It works as a defloculent and will disperse the cement evenly in the concrete matrix.

USES

Sika® Plastiment® SD-2 is specifically formulated for the semi-dry process of manufacturing screen blocks and re-constructed stone where the matrix is based on very fine graded aggregates.

CHARACTERISTICS / ADVANTAGES

- Sika® Plastiment® SD-2 is manufactured under strict control with carefully selected raw materials which do not vary
- Sika® Plastiment® SD-2 will ensure efficient utilisation of the cement, and a substantial reduction in the cementitious material content is usually possible
- Due to the excellent dispersion of the cement and the fine material in the mix, the surface texture is also improved
- Increased in early strength is common.
- Because of the cement dispersion and high early strength, the edges are very sharp and durable
- Sika® Plastiment® SD-2 can reduce permeability and has waterproofing properties, thereby reducing efflorescence
- Placing of the concrete is easier and vibration time can be reduced

PRODUCT INFORMATION

Packaging	20 L pail 200 L container
Appearance / Colour	Transparent liquid
Shelf Life	12 months from the date of production
Storage Conditions	Store properly in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5 °C and +35 °C. Keep away from direct sunlight.
Density	1.01 kg/l (at +20 °C)
Total Chloride Ion Content	Nil (less than 0.1 % w/w)
Equivalent Sodium Oxide	0.4 % m/m as Na ₂ O (typical value)

APPLICATION INFORMATION

Recommended Dosage	1 % by weight of the cementitious materials (or 1000 ml per 100 kg of the cementitious materials)
---------------------------	---

APPLICATION INSTRUCTIONS

DISPENSING

Sika® Plastiment® SD-2 is supplied ready for use and should be added with the mixing water. Mixing time is unchanged.

CLEANING OF TOOLS

Clean all tools and application equipment with water immediately after use. Hardened and/or cured material can only be removed mechanically.

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

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.

Sika Kimia Sdn. Bhd.

Lot 689, Nilai Industrial Estate, 71800 Nilai
Negeri Sembilan D.K., Malaysia
Phone: +606-7991762
Fax: +606-7991980
e-mail: info@my.sika.com
Website: www.sika.com.my



Product Data Sheet
Sika® Plastiment® SD-2
July 2019, Version 01.01
021404061000000039

SikaPlastimentSD-2-en-MY-(07-2019)-1-1.pdf