

PRODUCT DATA SHEET

Sika® Plastiment®-30 GR

Set retarding - plasticizing concrete admixture



DESCRIPTION

Sika® Plastiment®-30 GR is a multifunctional plasticizer with retarding properties for concrete.

USES

Sika® Plastiment®-30 GR is used for high quality construction concrete, where slump maintenance is required. Its plasticizing effects are particularly useful:

- In Ready mix production units
- In job site plants
- For concreting at high temperatures and under difficult conditions

CHARACTERISTICS / ADVANTAGES

- Improves workability without increasing the mixing water
- Reduces W/C ratio while retaining the same workability
- Offers workability maintenance
- Reduces shrinkage and creep

APPROVALS / CERTIFICATES

- CE and Declaration of Performance according to EN 934-2 - Set retarding / water reducing / plasticizing admixtures, T.10

PRODUCT INFORMATION

Composition	Modified, lignosulfonate polymers
Packaging	IBC, 240 Kg drums, 20 kg containers Bulk supply upon request
Appearance / Colour	Liquid, dark brown
Shelf life	12 months from date of production
Storage conditions	Store properly in undamaged unopened, original sealed packaging, in dry conditions at temperatures between +5°C and +35°C. Protect from direct sunlight and frost.
Density	~ 1,14 kg/l (at +20 °C)
pH-Value	8,0 - 11,0 (at +20 °C)
Total chloride ion content	Free (EN 934-2)

TECHNICAL INFORMATION

Concreting guidance	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.
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APPLICATION INFORMATION

Recommended dosage	0,2-1,0% by weight of cement. In normal conditions use 0,2%-0,5%, for higher demands use 0,5-1%.
Compatibility	Sika® Plastiment®-30 GR can be combined with the following Sika products: <ul style="list-style-type: none">▪ Sika® Plastiment® series▪ SikaPlast® series▪ Sika® ViscoCrete® series▪ Sika® Plastocrete® N/ Sika®-140 L/ Sika® WT-200 P▪ Sika® Ferrogard®-901 S▪ Sika® Visco I-100▪ Sikafume® HR-E / Sikacrete® AR▪ Sika-Aer® Fine Trials are recommended before combining products.
Dispensing	Sika® Plastiment®-30 GR is added to the gauging water at the plant or added on-site into the concrete mixer.

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

This product is an article as defined in article 3 of regulation (EC) No 1907/2006 (REACH). It contains no substances which are intended to be released from the article under normal or reasonably foreseeable conditions of use. A safety data sheet following article 31 of the same regulation is not needed to bring the product to the market, to transport or to use it. For safe use follow the instructions given in the product data sheet. Based on our current knowledge, this product does not contain SVHC (substances of very high concern) as listed in Annex XIV of the REACH regulation or on the candidate list published by the European Chemicals Agency in concentrations above 0,1 % (w/w).

IMPORTANT CONSIDERATIONS

- When using Sika® Plastiment®-30 GR a suitable mix design should be taken into account and local raw materials should be tested.
- Sika® Plastiment®-30 GR should not be added to dry cement.
- Sika® Plastiment®-30 GR should be added with the mixing water at the concrete plant or in the concrete truck.
- Before application, suitability tests must be per-

formed.

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.

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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