

PRODUCT DATA SHEET

Sika® Plastiment® BV-35 NO

Plasticiser for concrete and mortar

DESCRIPTION

Sika® Plastiment® BV-35 NO is a plasticising admixture based on sodium-lignosulphonate.

USES

The product is suitable for:

- All types of concrete structures
- Floor concrete
- Bridge structures
- Concrete with high silica content
- Profiled concrete surfaces

FEATURES

Improvement of concrete castability and workability

- Moderate reduction of mass ratio (v/c+s)
- Increase in strength
- Does not introduce air
- Provides better economy in concrete production

CERTIFICATES AND TEST REPORTS

Sika® Plastiment® BV-35 NO meets the requirements of NS-EN 934-2:2009+A1:2012 Table 2 (water reducing/plasticising admixtures). Declaration of Performance (DoP) No. 10393062.

PRODUCT INFORMATION

Packaging	Sika® Plastiment® BV-35 NO is delivered in IBCs of 1170 kg
Appearance and colour	Dark Brownish liquid
Shelf life	12 months from date of production if stored properly in undamaged, unopened, original sealed packaging
Storage conditions	Store indoors at temperatures between +5°C and +30°C. Protect from direct sunlight, frost and contamination. If frozen, Sika® Plastiment® BV-35 NO can be used after thawing at room temperature followed by thorough stirring.
Density	1.17 ± 0.03 kg/litre
pH-Value	7.0 ± 1.0
Conventional dry material content	35.0 % ± 1.5 %
Soluble chloride ion content	≤ 0.01 M.-%
Equivalent sodium oxide	≤ 4.6 M.-%
Concreting guidance	Concrete should be placed according to good concrete practices and proper curing procedures should take place.
Concrete mixing time	Minimum 60 second final mixing time is recommended.
Effect on setting	Overdosing may cause significant retardation.

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Recommended dosage	0.1 - 1.5 % of binder weight
Compatibility	Sika® Plastiment® BV-35 NO can be combined with other concrete admixtures from Sika. Each admixture to be added separately.
Dispensing	Sika® Plastiment® BV-35 NO is added with the mixing water. Delayed dispensing of Sika® Plastiment® BV-35 NO compared to mixing water may cause significant retardation. Never add Sika® Plastiment® BV-35 NO to dry materials.

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

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

Any information or suggestions for use concerning Sika's products, which we either in writing or orally have given buyers or end-users of the product, have been given in good faith based on our own experiences and based on approved praxis and the technological and scientific knowledge on the time of giving such suggestions and information, which are given without any type of guarantees, and which do not lead to any further responsibility from Sika Danmark A/S, besides what is stated in the sales agreement in question. The buyer or end-user should themselves investigate or otherwise make sure, that our products are suitable for the use in question and further make sure that the products are kept and used correct and in agreement with the published rules and considering the actual conditions in order to avoid damages or less satisfactory results. Any order is accepted and any deliverance is affected according to the general terms of sales and delivery from Sika Danmark A/S, which are considered known and accepted, and which could be handed out when asked for. Our catalogues are not up-dated automatically. The present product data sheet is only for use in Denmark. Values stated in the present product data sheet should be seen as recommended, unless stated otherwise.

Sika Danmark A/S

Hirsemarken 5
3520 Farum
Tlf. +45 48 18 85 85
www.sika.dk



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