



EN 934-2

04

2079

## Sika® Plastocrete® N

### Mass Waterproofing – Plasticizing Concrete Admixture

#### Product Description

Sika® Plastocrete® N is a mass waterproofing, as well as a plasticizing admixture for concrete.

#### Uses

Sika® Plastocrete® N is used in concrete constructions in general and especially in constructions that contain or are attacked by water such as:

- Reservoirs and dams
- Sewage constructions
- Canals
- Building constructions and wherever waterproofed concrete is required

#### Characteristics/ Advantages

- Improves workability
- Allows for better compaction which results in the production of denser concrete and superior finishing surface
- Improves watertightness
- Chloride free – does not attack reinforcement

#### Tests

##### Approval / Standards

Water reducing / Plasticizing admixture & Water resisting admixture according to EN 934-2 T.2 / T.9.

DoP 01 14 03 01 100 0 000002 1200, certified by the Factory Production Control Body, 2079, certificate 0013-048/01/12, and provided with the CE Mark.

#### Product Data

##### Form

##### Appearance / Colours

Liquid, brown-black

##### Packaging

1080 kg tanks, 220 kg drums and in plastic containers

##### Storage

##### Storage Conditions / Shelf Life

12 months from date of production if stored properly in undamaged unopened, original sealed packaging, in dry conditions at temperatures between +5°C and +35°C. Protect from direct sunlight and frost.

Construction



---

**Technical Data**

---

<b>Chemical Base</b>	Modified lingsulfonate polymers
<b>Density</b>	~1,1 kg/l (at +20 <sup>0</sup> C)
<b>pH Value</b>	9 - 11(at +20 <sup>0</sup> C)
<b>Total Chloride Ion Content</b>	Free (EN 934-2)

---

**System Information**

---

**Application Details**

---

<b>Consumption / Dosage</b>	0,5% by weight of cement
-----------------------------	--------------------------

---

**Application Conditions / Limitations**

---

**Compatibility** Sika<sup>®</sup> Plastocrete<sup>®</sup> N can be combined with the following Sika products:

- Sika<sup>®</sup> Plastiment<sup>®</sup> series
- Sikament<sup>®</sup> series
- Sika<sup>®</sup> ViscoCrete<sup>®</sup> series
- SikaRapid<sup>®</sup> -2
- Sika<sup>®</sup> Ferrogard<sup>®</sup>-901
- Sika<sup>®</sup> Visco I-100
- Sikafume<sup>®</sup> HR-D / Sikacrete<sup>®</sup> AR
- Sika<sup>®</sup> Antifreeze

Trials are recommended before combining products.

---

**Application Instructions**

---

**Dispensing** Sika<sup>®</sup> Plastocrete<sup>®</sup> N is added to the gauging water at the plant or added on-site into the concrete mixer.

---

**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.

---

**Notes on Application / Limitations** When using Sika<sup>®</sup> Plastocrete N<sup>®</sup> a suitable mix design has been taken into account and local material sources should be trialled.

Sika<sup>®</sup> Plastocrete N<sup>®</sup> should not be added to dry cement.

Sika<sup>®</sup> Plastocrete N<sup>®</sup> should be added with the mixing water or introduced at the end of the mixing process.

Before application, suitability tests must be performed.

---

**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.

---

**Health and Safety Information**

---

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.

---

## 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 Hellas ABEE**  
15 Protomagias Str.  
GR 145 68 Kryoneri  
Athens-Greece

Phone +30 210 8160600-5  
Fax +30 210 8160606  
Email: [sika@gr.sika.com](mailto:sika@gr.sika.com)  
[www.sika.gr](http://www.sika.gr)

