

Plastiment® -AR340

Water Reducing and Retarding Concrete Admixture

Product Description	Plastiment® -AR340 is used as a powerful concrete plasticizer and retarder where high quality concrete is required in difficult climatic conditions. It complies with ASTM C 494 type A+B+D and B.S. 5075 Part I.
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Uses	Plastiment® -AR340 is used in areas such as: <ul style="list-style-type: none"> ■ High concrete temperatures ■ Fair faced concrete ■ Difficult placing conditions ■ Long transport distances
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Advantages	Plastiment® -AR340 Provides the following properties: <ul style="list-style-type: none"> ■ Long-lasting control of slump loss at high concrete temperature. ■ Increased setting time in hot weather. ■ Accelerated hardening after setting. ■ Reduced water without loss of workability. ■ Increased strengths. ■ Reduced shrinkage and creep. ■ Better surface finish. ■ Chloride free-does not attack reinforcement.
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Technical Data

Base	Modified Lignosulphonate.
Appearance / Colour	Brown liquid
Density (at 20°C)	1.200 (ASTM C-494)
Packaging	5 and 20 kg pails 220 kg drums Bulk Tanks packing available upon request
Storage	Store in dry conditions, protected from direct sunlight and frost.
Shelf life	12 months from date of production if stored properly in undamaged and unopened original sealed packing.

Application

Dosage	0.2 - 0.8 % by weight of cement. It is advisable to carry out trial mixes to establish the exact dosage rate required.
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Dispensing	Plastiment® -AR340 is added to the gauging water prior to its addition to the dry mix.
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Important Notes	Plastiment® -AR340 is compatible with all types of Portland Cement, including S.R.C.
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When accidental overdosing occurs the set retarding effect increases. During this period the concrete must be kept moist in order to prevent premature drying out. There will also be an additional amount of air entertainment.



Construction

Safety Instructions

Safety Precautions

Accidental splashes to the skin must be washed off with water and soap.
Accidental splashes to the eyes or mucous membrane must be rinsed with clean warm water. Seek medical attention without delay.

Ecology

Residues of material must be removed according to local regulations.
Fully cured material can be disposed of as household waste under agreement with the responsible local authorities.

Transport

Non-hazardous

Toxicity

Non-Toxic under the relevant health and safety codes.

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 Egypt for Construction Chemicals

El Abour City
1st industrial zone (A)
Section # 10 Block 13035,
Egypt

Tel :+202- 46100714/15/16/17/18
Fax :+202- 46100759
Mob :+2012- 3908822/55
www.sika.com.eg

