

Plastocrete® -WP

Waterproofing Concrete Admixture

Product Description	A Concrete admixture in liquid form that acts both as highly efficient plasticizer and waterproofing agent.
Uses	It complies with ASTM C 494 type A. Plastocrete® -WP is recommended for use in structural and mass concrete, particularly water-retaining structures such as: ■ Reservoirs and dams ■ Sewage works ■ Canals ■ Culvert tunnels And whenever waterproof concrete is required.
Advantages	Plastocrete® -WP provides the following properties: ■ Improved workability without increased water content. ■ Allows easier compaction leading to denser concrete and superior finish. ■ Increased strength and durability. ■ Reduced shrinkage. ■ Improved water tightness. ■ Chloride free-does not attack reinforcement.
Technical Data	
Base	Modified Lignosulphonate.
Appearance / Colour	Brown liquid
Density (at 20°C)	1.090 (ASTM C-494)
Packaging	5 Kg 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	0.3 - 0.5 % by weight of cement.
Dispensing	Plastocrete® -WP Liquid should be dispensed into the mixing water, prior to its addition to the dry mix.
Important Notes	Plastocrete® -WP is compatible with all types of Portland Cement including S.R.C. When overdosing accidentally occurs, apart from retardation of the initial set no detrimental effect will take place.
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 relevant health and safety codes.



Construction



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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