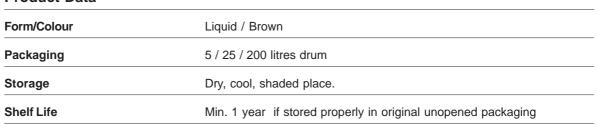
Product Data Sheet

Edition 04, 2009. Identification no. 14.3.010 Version No. 07 Plastocrete® N

Plastocrete® N

Waterproofing Admixture

Description	An admixture in liquid form that acts both as a highly efficient plasticize and waterproofing agent.
	Plastocrete N complies with ASTM C494 Type A
Uses	Plastocrete N is recommended for use in structural and mass concrete particularly water-retaining structures such as:
	Reservoirs and dams
	Sewage works
	Canals
	Culvert tunnels
	Water tanks, swimming pools
	And wherever waterproof concrete is required.
Advantages	Plastocrete N provides the following properties:
	Improved workability without increased water content
	Easier compaction leading to denser concrete and superior finish
	Increased strength and durability
	Reduced shrinkage
	Improved water-tightness
	Increased cohesiveness
	 Chloride free, does not attack reinforcement



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Technical Data	
Base	Blend of Lignosulfonates
Specific gravity	1.170 – 1.190
Chloride content	Nil
Application	
Dosage	0.30 - 0.50 ltr per 100 kg of cement
Typical dosage	In a watertight, retarded concrete for Ready Mix Conrete:
	Plastocrete N: $0.4-0.5$ l per 100 kg of cement Sikament 2000AT or Sikament R4: $0.6-0.8$ l per 100 kg of cement
Compatibility	Possible to combine with all Sikament, Plastiment, Sika Aer, Sika Pump, Sikacrete PP1, but must be added separately to the mix and not pre-mixed prior addition.
Cement types	All Portland cement including sulfate resistant cement
Dispensing	Plastocrete N is either added to the gauging water prior to its addition to the dry concrete mix or added separately to wetted concrete mix, further mixing should take place for at least 1 minute per m ³ .
Overdosing	When overdosed, setting time will be extended, depending on cement content and temperature. Final strength will be not impaired.
Notes on application/ limits	 Trial mixes are recommended to establish exact dosage rates required to suit individual requirements. If assistance is required, please contact the Sika Technical Service Department. Accurate dispensing equipment can be supplied by Sika Ltd. Vietnam Use an appropriate mixer and do not mix by hand Curing treatment - use of Sika curing compounds to cure concrete is advisable
Health and Safety informa	ation
Ecology	Do not dispose into water
Transportation class	Non-Hazardous
Waste disposal	According to local law
Important notes	Avoid contact with foodstuffs and utensils. Avoid prolonged skin contact. In the event of contamination wash thoroughly with water. If the eyes or mouth are affected wash with clean water and obtain medical attention immediately.
Disclaimer	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 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



Sika Limited (Vietnam)

Nhon Trach 1 Industrial Zone,
Nhon Trach Dist., Dong Nai Province
Tel: (84-61) 3560 700 Fax: (84-61) 3560 699
www.sika.com.vn, sikavietnam@vn.sika.com



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product concerned, copies of which will be supplied on request.