

Technical Data Sheet



TOP CHEMICALS

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Topcons-WP601

Waterproofing Admixture for Concrete

Product Description	Topcons-WP601 is a liquid admixture for concrete that acts as a highly efficient plasticizer both water reducing and waterproofing effect on among Cement grains
Uses	Topcons-WP601 is recommended for use in waterproofing of masonry and concrete structures such as: Reservoirs and dams Sewerage works Canals Culverts, tunnels Water tanks, swimming pools and wherever waterproof concrete is required
Characteristics / Advantages	Topcons-WP601 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 Increase the strength of concrete Improved watertightness Increased cohesiveness of mortar Chloride free-does not attack reinforcement
Tests	
Approval / Standards	Complies with ASTM. C 494-17 Type A
Form	
Appearance/ Colours	Brown Liquid
Packaging	200 L/drum 1000L/IBC
Storage	
Shelf Life	12 months from the date of production If stored properly in undamaged, original, sealed packaging.
Storage Conditions	Store in dry conditions, protected from direct sunlight at temperature between+ 10°C and +45°C.

Technical Data

Chemical Base	Modified Lignosulphonate
Density	1.155-1.195 kg/l
pH Value	6.50 - 8.50

Application Details

Consumption	200 - 800 CC. per 100 kg. of cement weight. Topcons-WA101 is compatible with all types of Portland Cement, including S.R.C type and Hydraulic Cement. Topcons-WA101 Liquid should be dispensed directly into the
Dispensing	mixing water, prior to its addition to the aggregates. Accurate dispensing equipment is available on request. Where overdosing accidentally occurs, apart from retardation of the initial set, no detrimental effect will take place.

Limitations

Accidental overdosing of Topcons-WA101 causes an extension of the initial setting time, however, no excessive amount of additional air will be entrained. In the case of overdosing do not disturb the concrete. Ensure the concrete is properly cured. Contact with Top chemicals's Technical Department.

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