

Technical Data Sheet



Version2.0
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Topcons-FM001

HIGH-RANGE WATER REDUCING WITH EARLY STRENGTH CONCRETE ADMIXTURE

Product Description	Topcons-FM001 is a liquid admixture for concrete that acts as a highly efficient plasticizer water reducing
Uses	Topcons-FM001 is recommended for use in concrete structures such as Precast
Characteristics / Advantages	Topcons-FM001 provides the following properties: Improved workability without increased water content durability Reduced shrinkage Increase the early strength of concrete Increased cohesiveness Chloride free-does not attack reinforcement
Tests	
Approval / Standards	Complies with ASTM. C 494-17 Type A & F
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 melamine sulphonate
Density	1.20---1.24 kg/l
pH Value	6.00 - 10.00
Application Details	
Consumption	200 - 800 CC. per 100 kg. of cement weight. Topcons-FM001 is compatible with all types of Portland Cement, including S.R.C type and Hydraulic Cement. Topcons-MF001 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-FM001 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.

