

Technical Data Sheet



TOP CHEMICALS

Version 2.0
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Topcons-F101

High Range Water Reducing Admixture for Concrete

Product Description Topcons-F101 is a liquid admixture for concrete that acts as a highly efficient plasticizer water reducing

Uses Topcons-F101 is recommended for use in concrete structures such as:
Precast and ready mix

Characteristics / Advantages Topcons-F101 provides the following properties:
Improved workability without increased water content
Increased strength and durability
Reduced shrinkage
Increased cohesiveness
Chloride free - does not attack reinforcement

Tests

Approval / Standards Complies with ASTM. C 494-17 Type 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 Naphthalene based polymer

Density 1.20 - 1.25 kg/l

pH Value 6.00 - 9.00

Application Details

Consumption 200 - 800 CC. per 100 kg. of cement weight. Topcons-F101 is compatible with all types of Portland Cement, including S.R.C type and Hydraulic Cement. Topcons-F101 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-F101 causes the bleeding of concrete, 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.

