

# Technical Data Sheet



Version2.0  
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## TopconK-F102

### High Range Water Reducing Admixture for Concrete

<b>Product Description</b>	TopconK-F102 is a liquid admixture for concrete that acts as a highly efficient plasticizer water reducing
<b>Uses</b>	TopconK-F102 is recommended for use in concrete structures such as: Precast
<b>Characteristics / Advantages</b>	TopconK-F102 provides the following properties: Improved workability without increased water content durability Reduced shrinkage Increased cohesiveness Chloride free-does not attack reinforcement
<b>Tests</b>	
<b>Approval / Standards</b>	Complies with ASTM. C 494-17 Type F
<b>Form</b>	
<b>Appearance/ Colours</b>	Brown Liquid
<b>Packaging</b>	200 L/drum 1000L/IBC
<b>Storage</b>	
<b>Shelf Life</b>	12 months from the date of production If stored properly in undamaged, original, sealed packaging.
<b>Storage Conditions</b>	Store in dry conditions, protected from direct sunlight at temperature between +10°C and +45°C.
<b>Technical Data</b>	
<b>Chemical Base</b>	Naphthalene based polymer
<b>Density</b>	1.20---1.25 kg/l
<b>pH Value</b>	6.00 - 9.00
<b>Application Details</b>	
<b>Consumption</b>	200 - 800 CC. per 100 kg. of cement weight. TopconK-F102 is compatible with all types of Portland Cement, including S.R.C type and Hydraulic Cement. TopconK-F102 Liquid should be dispensed directly into the
<b>Dispensing</b>	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.
<b>Limitations</b>	Accidental overdosing of TopconK-F102 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.

