

# TECHNICAL DATA SHEET

# TOPCONS-G701



## HIGH-RANGE WATER REDUCING AND RETARDING CONCRETE ADMIXTURE

### DESCRIPTION

TopconS-G701 is a newly developed admixture for concrete with mid-range reducing and retarding effect. It is concentrated solution based on Synthetic Polymer and additives.

### USES

- Cost effectiveness required for conventional concrete
- Where increased workability is required
- Use in mixes where cement saving is required

### CHARACTERISTICS / ADVANTAGES

- Water reduction up to 20% against control mix
- Improved utilization of cement
- Equal strengths to control mix with less cement
- Better improvement for final strength
- Longer slump retention

### APPROVALS / CERTIFICATES

Complies with ASTM C494 - 81 Type F& D

### PRODUCT INFORMATION

<b>Packaging</b>	200 l/drum 1,000 l/tote or bulk
<b>Appearance / Colour</b>	Light Brown Liquid
<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 5°C and 40°C.
<b>Density</b>	1.150 - 1.200 kg / l (at temperature 25°C)
<b>pH-Value</b>	6.0 - 10.0 Approx.

### APPLICATION INFORMATION

<b>Recommended Dosage</b>	300 - 800 CC. per 100 kg. of cement or cementitious weight. Actual dosage depends on requirements and should be established from laboratory trials.
<b>Dispensing</b>	Add the correct amount of Topcons-D101 at the concrete plant. Addition should be by automatic dispenser into the water line at the batching plant. Do not add directly on to the dry sand or cement.