

TECHNICAL DATA SHEET

TOPCONS-D105



MID-RANGE WATER REDUCING AND RETARDING CONCRETE ADMIXTURE

DESCRIPTION

TopconS-D105 is a newly developed admixture for concrete with mid-range reducing and retarding effect. It is a 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 15% 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

Packaging	200 l/drum 1,000 l/tote or bulk
Appearance / Colour	Light Brown Liquid
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 5°C and 40°C.
Density	1.10 - 1.160 kg / l (at temperature 25°C)
pH-Value	6.0 - 9.0 Approx.

APPLICATION INFORMATION

Recommended Dosage	300 - 800 CC. per 100 kg. of cement or cementitious weight. Actual dosage depends on requirements and should be established from laboratory trials.
Dispensing	Add the correct amount of Topcons-D105 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.