



CHEMA FOAM

BUILD YOUR DREAM

CHEMA FLOW CRETE

Chema Flow Crete is an High Range Water Reducing, Super Plasticiser Concrete Admixture, ready to use directly with concrete soluble in water and It complies with ASTM C494 type F (Subsequently type A).



Product Data

Appearance	Dark Brown liquid solution
Packaging	5 Kg, 20 Kg Pails, 220 Kg barrel drum. 1200 Kg tank.
Storage	12 months in Unopened packs, out of direct sunlight and protect from extremes of temperature.
Compatibility	All types of Portland cement.

Technical Data (at 25°C)

Description	Unit	Values
The density	kg/liter	1.18 ± 0.02
Chloride content	-	Nil
pH value	-	6 - 8

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AREAS TO USE



- Slabs and foundations.
- Walls, columns and piers.
- Bridges.
- Pre-stressed concrete.
- It enables the early stripping of the concrete formwork.
- Structure Elements With Heavy Reinforcement Percentage.

ADVANTAGES

A- A SUPER PLASTICIZER:

- Workability is greatly improved without need excess of water content.
- Increased place ability in slender components with dense reinforcement.
- Easy placing, less vibrating.
- Normal set without retardation.
- Significantly reduces the risk of segregation.

B- A WATER REDUCER:

- Up to 20% water reduction
- 28 day strengths improved by > 20%.



DOSAGE



1-3% BY CEMENT WEIGHT

(depending on desired workability and strength.)

Therefore, it is advisable to carry out trial mixes.

INSTALLATION

** FRESHLY CONCRETE MIX :

Added directly to the freshly mixed concrete.

** READY MIX CONCRETE :

ADD IN SITE AND MUST MIX ABOUT 5 minutes is compatible with all types of Portland Cement.



OFFICE

11Obour Buildings - Salah Salem
Nasr City Cairo - Egypt.

FACTORY

10th of Ramadan
B4 industrial zone

