



## CHEMA FOAM

BUILD YOUR DREAM

# CHEMA SUPER 2004

A highly effective super plasticizer with a set retarding effect for producing free-flowing concrete in hot climates. Also, a substantial water-reducing agent for promoting high early and ultimate strengths. It complies with ASTM C-494 Type G.



### Product Data:

Appearance	Dark brown Liquid.
Packaging	5 Kg, 20 Kg Pails, 220 Kg barrel drum, 1200 Kg Tank.
Storage	12 months when stored at between 2 to 50 °C

### Technical Data (at 25 °C) :

Description	Unit	Values
Density	kg/liter	1.2 ± 0.01
PH value	-	6 : 8
Chloride content	%	0

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### ■ USES:

- Used in hot climates.
- Slabs, foundations, walls, columns, piers and bridges.
- Pre-stressed concrete.
- It enables the early stripping of the concrete formwork.
- Structural Elements With Heavy Reinforcement Percentage.

### ■ ADVANTAGES:

1. Delayed concrete setting time.
2. Improved workability without increased water content.
3. Compressive strength improved up to 20 % at the maximum possible water reduction.
4. high water reduction.
5. Chloride free.

### ■ DOSAGE:

0.6 - 2.5 % by weight of cement including any pozzolanic materials and cement replacements. Shall not be added to dry cement.

**The actual dosage rates are dependent on the :-**

1- Cement rate in mix design.

2- Quality of cement & aggregates.

3- Water/Cement-ratio.

4- Ambient temperature.

Therefore, it is advisable to carry out trial mixes

01



02



03



### NOTE:

- Chema Super 2004 is advisable to begin adding to the admixture with an automatic dispenser after adding at least, half of the batching water is required.

#### OFFICE

11Obour Buildings - Salah Salem  
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#### FACTORY

10th of Ramadan  
B4 industrial zone

