



Rev 1  
06/22



# SUPERIOR 408 ES

Super-plasticising additive for ready-mixed concrete. Highly effective water reducer. High maintenance workability.



## DESCRIPTION

Due to its dispersing action, its characteristics and the good synergism of its components, it gives the concrete a good reduction in the w / c ratio, allowing the creation of fluid and rheo-fluid cement conglomerates; it also gives excellent maintenance of workability with good characteristics of compactness, mechanical and chemical resistance.

## METHODS OF USE

To obtain the desired consistency, it is recommended to add the product to the wet conglomerate, before the last correction water.

## PHYSICAL PROPERTY

Physical state: liquid  
Color: amber  
Density: 1.06 ± 0.02 g / dm<sup>3</sup>  
pH (at 20 ° C): 5.5 ± 1  
Use limit: +5 ° C

## FOR GREAT WORKS


SUPERIOR 408 ES is widely used in all works in which it is essential to have a superfluid concrete with a low w / c ratio, with high initial and final strength, as well as the achievement of excellent impermeability and great resistance to chemical aggression, as in industrial flooring, construction of ports, docks, dams, sea caissons, foundations, canalization, high-density barriers for thermonuclear reactors, etc.

## ADVANTAGES IN PRE-PACKED CONCRETE

It allows a good maintenance of workability, facilitating the packaging and installation of concrete in inaccessible places, facilitates pumping and always improves the adhesion of the reinforcement rods.

## DOSAGE

Dosage on the weight of cement: 0.8 - 1.5%  
Its maintenance performance is directly proportional to its dosage within the cement matrix. High resistance to compression and bending at 2, 7 and 28 days, good maintenance of workability, reduced hygrometric shrinkage, excellent aesthetic finish and increased durability. SUPERIOR 408 ES by virtue of its particular formulation allows, in cases where it is desired to obtain high reductions in the water / cement ratio (particularly compact concretes), dosages higher than those indicated. However, it is advisable to contact our technical service which is always at your disposal.



1305  
TEKNA CHEM SPA  
Via Sirtori z.i. 20838 Renate (MB)

15  
1305 – CPD – 1146  
EN 934-2  
**SUPERIOR 408 ES**  
Highly effective water reducing /  
superplasticizer concrete admixture T 3.1  
/ 3.2

Maximum chloride content ..... 0.1%  
Maximum alkali content ..... 0.5%

Absent dangerous substances

SCHEDE TECNICHE



TEKNA CHEM S.p.A.  
Stabilimento: Renate (MB) - Via Sirtori, z.i. 20838 - Tel. +39 0362.91.83.11  
Web: www.teknachemgroup.com - E-mail: info@teknachemgroup.com - Fax: +39 0362.91.93.96

# SUPERIOR 408 ES



## VALIDITY

The product maintains its characteristics for 6 months if stored in dry places, sheltered from direct sunlight.

## PACKAGING

25 kg plastic cans

200 kg drums

1050 kg tanks

Bulk in tank.

Special automatic dispensers can be supplied on request.

## LEGAL NOTICES

The information contained in this technical data sheet, while representing the most advanced stage of knowledge, does not exempt the user from carrying out accurate preliminary tests in their own conditions of use and operation. We therefore decline any responsibility for improper use of the product.

