

Technical Product Information

COPRE-Plast 102

Superplasticizer / high-range water reducer admixture for precast concrete, architectonic concrete and GRC

DESCRIPTION

COPRE-Plast 102 is a superplasticizer / high-range water reducing admixture based on condensates of sulfonated melamine serving as concrete fluidizing agent while accelerating the development of early strengths. COPRE-Plast 102 is a colorless product which also reduces the air content in concrete. For these reasons it is very suitable for the manufacture of architectural concrete, such as cement concrete with pigmented finishes, white cement or when high quality of aesthetics of surface finish are demanded.

APPLICATIONS

COPRE-Plast 102 is a product for the industry of precast concrete structures, which allows rapid release of the pieces thanks to its early strength development.

COPRE-Plast 102 is specially designed for the manufacture of concrete with aesthetical value (concrete with white cement, pigment, etc), and does not confer color to concrete and produces very high quality finishes in texture and shiny. Can also be used for the prefabrication of structures with GRC technology. With COPRE-Plast 102 may be fabricated concrete high performance and high durability (HPC) as well as high consistency concrete in general, but not suitable for self-compacting concrete (SCC) and ultra-high performance concrete (UHPC).



USAGE AND CONSUMPTION

Add the admixture during mixing of concrete, when 75% of the mixing water is added, approximately. Never add on dry concrete mass. The usual dosages of COPRE-Plast 102 are between 0.8 to 5.0% on cement weight, depending on the materials used and the type of concrete and element to be produced. It is essential to perform preliminary tests representative to define optimal dosage of the product.

PRESENTATION

- Bulk
- 1000 kg IBC
- 220 kg drum
- 25 kg can

STORAGE CONDITIONS

Store in original containers tightly closed and protected from extreme temperatures and frost. Shelf life: 12 months

COPREARK IBÉRICA

Pase de las Artes 21, Portal 15, Ático A
28320 Pinto (Madrid)
Tel: +34 639 117 691 / +34 633 213 976
egalindo@copreark.com
www.copreark.com

Technical Product Information

COPRE-Plast 102

Superplasticizer / high-range water reducer admixture for precast concrete, architectonic concrete and GRC

Properties and technical data	
Main function	Superplasticizer / High-range water reducer
Secondary effects	Risk of concrete bleeding at high dosage
Physical appearance	Colourless liquid
Density, 20 °C	Aprox. 1,12 gr/cm ³
pH, 20 °C	Aprox. 9,5
Viscosity (Brookfield, 20 °C)	< 30 cps
Chloride content	< 0,1%

NOTE:

This Technical Information serves, like all other recommendations and technical information solely for the description of the product characteristics, mode of use and applications. The data and information given are based on expertise gained in the literature, in laboratory tests and in practice.

Data on consumption and dosage contained in this Technical Information are general, so these are susceptible to variations due to different conditions of work. Real consumption and dosage should be determined on the site through preliminary tests and under the responsibility of the customer or user.

For additional assistance, our Technical Department is at your disposal.

COPREARK Ibérica, SL reserves the right to modify the composition of the products, provided they continue to meet the characteristics described in the Technical Information.

Other product applications that do not conform to those indicated, will be under the responsibility of the customer or user.

Provide a guarantee against defects in manufacturing quality of our products, excluding any other claims, remain our responsibility as only to return the value of the goods supplied.

Possible reserves regarding patents or third party rights should be considered.

Edition: 2/07/2014

This Technical Information invalidates the emergence of a new edition.

COPREARK IBÉRICA

Pase de las Artes 21, Portal 15, Ático A

28320 Pinto (Madrid)

Tel: +34 639 117 691 / +34 633 213 976

egalindo@copreark.com

www.copreark.com