

## **Technical Product Information**

# **COPRE-Fluid 524**

**New generation Superplasticizer / High-range water reducer for ready-mix and precast concrete**

### **DESCRIPTION**

COPRE-Fluid 524 is a superplasticizer / high-range water reducer polycarboxylic ether-based, which acts as cement dispersant. Thanks to its high fluidizing power, it is especially suitable for producing high fluidity concrete even with low water / cement ratio and requiring high early strength development.

### **APPLICATIONS**

COPRE-Fluid 524 is specially designed for industrial precast concrete structures, which allows rapid release of the pieces thanks to its early strength development. It can also be used in ready mix concrete for high consistency concrete production. With COPRE-Fluid 524 may be produced high performance and high durability concrete (HPC) and self-compacting concrete (SCC) as well as 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-Fluid 524 are between 0.5 - 2.0% on weight of cement, depending on the materials used and the type of concrete to be produced. Dosages up to 5% are possible.



It is essential to perform preliminary tests representative to define optimal dosing of admixture.

### **PRESENTATION**

- Bulk
- 1000 kg IBC
- 200 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**

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Properties and technical data	
Main function	Superplasticizer / High-range water reducer
Second day effect	Risk of bleeding at high dosage
Physical appearance	Yellowish liquid
Density, 20 °C	Aprox. 1,05 gr/cm <sup>3</sup>
pH, 20 °C	Aprox. 5,5
Viscosity (Brookfield, 20 °C)	< 100 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.

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This Technical Information invalidates the emergence of a new edition.

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