



BISEAL[®]

POL



POLIFUNCTIONAL ADMIXTURE FOR CONCRETE AND MORTAR

DESCRIPTION

BISEAL[®] POL is a liquid admixture, that is added to the mixing water for concrete or mortar, and depending on the dosage, acts as a plasticiser, superplasticiser or high range water reducer, providing a highly fluid concrete and improved mechanical resistance.

APPLICATION FIELDS

- Fluid mortars and concrete.
- Precast concrete that needs a minimum water/cement ratio, and pre-stressed reinforced concrete
- Warm weather concrete placing.
- Mortars and concrete of high mechanical strength.

ADVANTAGES

- Single additive in concrete plants for multiple applications
- Chloride-free.
- Mixing water reductions up to 30% can be achieved.
- It is added to the mixing water, even directly to the mixer.
- Improves the resistance of mortars and concrete.
- Improves placing, facilitating the pumping and vibration. Increases labour productivity.
- Provides cohesion to the mix, preventing segregation.

APPLICATION INSTRUCTIONS

Mixing

It is supplied ready to use, by adding to the mixing water in a proportion of 0,3 – 1,5 % by weight of cement. Do not add directly on dry compounds.

- Addition from 0,3 to 0,6% in weight of cement: Plastic or soft consistency.
- Addition from 0,6 to 0,9% in weight of cement: Fluid consistency
- Addition from 0,9 to 1,5% in weight of cement: Concrete with low water/cement ratio and high mechanical resistance. Reductions up to 30% of mixing water are obtained by adding 1,5% of product.

Cleaning

The cleaning of the tools will be made with abundant clean water.

CONSUMPTION

Estimated dosage is from 0,3 to 1,5 % by weight of cement. Trial mixes should be carried out to fix optimum dosage and effect on desired properties.

IMPORTANT INDICATIONS

For other uses not specified in this Technical Bulletin, consult our Technical Department.

PACKAGING

BISEAL[®] POL is supplied in 20 kg jerrycan, 220 kg drum and 1000 kg container.

STORAGE

Twelve months in its original unopened packaging, in a dry place and covered place, protected from frost with temperature above 5 °C.

If frozen, thaw and agitate thoroughly to return to its normal state before use.

SAFETY AND HEALTH

BISEAL® POL is not a toxic product, but avoid contact with the eyes and skin. Use

gloves and safety goggles. In case of skin contact, wash with warm water and soap. In case of eye contact, wash abundantly with water and seek medical assistance.

It is not classified as dangerous material for transportation and non-flammable.

Safety Data Sheet for **BISEAL® POL** is available by request.

The final user must do disposal of the product and its empty packaging and according to official regulations.

TECHNICAL DATA

Description	High range water reducer admixture/ superplasticiser. EN 934-2 T3.1/3.2
Density (g/cm ³)	1,18 ± 0,02
pH	7 ± 1
Base	Sulfonated Naphthalene Condensate
Appearance	Brown liquid
Solubility in water	Complete
BISEAL® POL meets specifications for CE marking of superplasticiser admixture for concrete according to EN 934-2.	

GUARANTEE

The information contained in this leaflet is based on our experience and technical knowledge, obtained through laboratory testing and from bibliographic material. **DRIZORO®, S.A.** reserves the right to introduce changes without prior notice. Any use of this data beyond the purposes expressly specified in the leaflet will not be the Company's responsibility unless authorised by us. We shall not accept responsibility exceeding the value of the purchased product. The data shown on consumptions, measurement and yields are for guidance only and based on our experience. These data are subject to variation due to the specific atmospheric and jobsite conditions so reasonable variations from the data may be experienced. In order to know the real data, a test on the jobsite must be done, and it will be carried out under the client responsibility. We shall not accept responsibility exceeding the value of the purchased product. For any other doubt, consult our Technical Department. This version of bulletin replaces the previous one.



DRIZORO, S.A.

C/ Primavera 50-52 Parque Industrial Las Monjas
28850 TORREJON DE ARDOZ – MADRID (SPAIN)
Tel. 91 676 66 76 - 91 677 61 75 Fax. 91 675 78 13
e-mail: info@drizoro.com Web site: drizoro.com

