

**BISEALTM SCC**

SUPERPLASTICISER ADMIXTURE FOR SELF COMPACTING CONCRETE

DESCRIPTION

BISEAL SCC is a superplasticiser liquid admixture based on a modified polycarboxilic polymer, designed especially for obtaining Self Compacting Concrete (SCC) and High Performance Concrete (HPC).

BISEAL SCC can produce very high workable concrete, with cohesion and no risk of segregation or bleeding, placed and compacted under its own weight with minimal vibration required.

USES

- High flow and workable concrete with the lowest water/cement ratio.
- High early and ultimate strength concrete.
- Prefabricated and prestressed reinforced concrete elements.
- Placing in congested reinforcement.
- Highest quality concrete for civil works in any type of application.

ADVANTAGES

- BISEAL SCC improves placing of concrete in densely reinforced areas and consolidation in inaccessible areas of the formwork.
- Maximum water reduction achieved.
- Longer workability than other super plasticisers, with no retardation of setting.
- Provides high cohesion to fresh concrete avoiding segregation and bleeding.
- Reduced water/cement ratios, which produces more durable and dense concrete with very low permeability increasing the resistance to carbonation, chloride ion penetration and aggressive atmospheric conditions.
- It eliminates entrapped air, reduces porosity and improves surface finishes and aesthetic appearance.
- Minimum water/cement ratio decreases the risk of drying shrinkage and creep.
- Does not contain chlorides or any other corrosive agent.
- Better productivity with faster placement and less working of the concrete required.

APPLICATION INSTRUCTIONS

It is supplied ready to use, being added directly to the mixer with the mixing water in a 0.5% to 3% proportion by weight of cement and silica fume or fly ash. Optimum effect is obtained if BISEAL SCC is added with the last part of the mixing water, allow a minimum mixing time of 3-4 minutes. Avoid adding directly to the dry cement or dry aggregate.

Trial mixes should be carried out to fix optimum dosage and effect. Dosage rates outside the recommended quantity can be used if it does not result in segregation or retardation of setting.

Tools can be cleaned using clean water.

CAUTIONS

- Avoid contact with eyes and skin.
- Use safety goggles and gloves.
- In case it comes in contact with the skin, wash with warm water and soap.
- In case of contact with the eyes, rinse abundantly with water and seek medical help.
- Non flammable and non toxic.
- It is not classified as dangerous for transportation.

PACKAGING

20 litre cans, 220 litre drums and 1000 litres containers.

STORAGE

Twelve months in its original unopened container, in a dry covered place at temperatures above 1°C and below 35°C. If the product has been frozen it should be thawed out and remixed until homogeneous.

TECHNICAL DATA

Appearance	Liquid
Colour	Light brown
Density (gr/cm3)	1.05 ± 0.1
pH	6.1 ± 1
Solubility in water	Complete

GUARANTEE

The information contained in this leaflet is based on our experience and technical knowledge, obtained through laboratory testing and from bibliographic material. DRIZORO 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.



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