

MID- Range Water Reducer CONCRETE PLasticizer

DESCRIPTION

SILOX -S10 is specially designed Sulphonated naphthalene polymeric material base. Mid- range water reducer, designed to cover several concrete applications, when economical solutions are required.

Uses

- General purpose ready mixed concrete
- Suitable to use with all cement types
- Concrete Paving and industrial flooring

Benefits

- Reduces permeability and salt penetration
- Precast concrete elements.
- Allow good pumpability for concrete
- Allow producing high consistence concrete
- Suitable for use in mix designs containing fly ash, GGBS or silica fume

Technical Data

Color	Dark brown
Density @ 25°C	1.12±0.02 kg/l at 25°C
PH @ 25°C	8±2
Chloride content	Nil



Dosage

0.5% -2.5% by weight of cement is recommended. Higher dosages by weight of cement can be used depending on the mix design, raw materials, climatic conditions and concrete requirements. Trials need to be carried out at site to determine the exact optimum dosage rate of the admixture for the particular mix design and materials to reach the desired performance with specific materials used.



METHOD OF USE

SILOX -S10 is supplied ready for use. It should be added to concrete mixes during the mixing cycle or at the same time as the water starts flow to the mix.

Standards

SILOX -S10 complies with BS 5075- Part 3 and ASTM-C-494 Type G.

Compatibility

SILOX S10 is compatible with all types of Portland cement (OPC and SRC), concretes containing pozzolanic materials such as GGBS, FA, micro-silica.



Data Fact Sheet

SILOX-S 10



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Packaging

SILOX -S10 is supplied in 1000 L.IBC and 200 kg drums. Alternatively, bulk deliveries can be arranged.

Storage and Shelf Life

SILOX -S10 has a shelf life of 12 months from production date provided it is covered under cool and dry place. Avoid exposed t to the direct sun light.

Health & Safety

SILOX -S10 is not hazard classifications of current regulations. However, it should not be swallowed or allowed to come into contact with skin and eyes. Suitable protective gloves and goggles should be worn.

Splashes on the skin should be removed with water.

In case of contact with eyes rinse immediately with plenty of fresh water.

The product is water based and nonflammable.

Cleaning

In case of spillage, wash it with clean water.



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