

Data Fact Sheet

SILOX-S11



SILOX-S11

Sulphonated naphthalene polymeric

DESCRIPTION

Description

SILOX -S11 is specially designed Sulphonated naphthalene polymeric material based High range water reducer, designed to cover several concrete applications, where high water reduction and high slump retention are desired.

Uses

- To produce pumpable concrete
- To produce high strength concrete by substantial reduction in water.
- Low permeability and high early strength.
- To produce high workability concrete.

Benefits

- Improved workability
- Increased strength
- Provides high early strength if water reduction is taken in mix design.
- Higher cohesion concrete performance.

Technical Data

Colour	Dark brown
Density @ 25°C	1.16±0.02 kg/l at 25°C
PH @ 25°C	8±2
Chloride content	Nil



Dosage

Trials need to be carried out at site to determine the exact dosage of the admixture for the particular mix design and materials. However, for normal grades of concrete a dosage from 0.5% -2.0% by weight of cement is recommended. Overdosing may increase the setting time and retardation but final strength of the concrete will not be adversely affected.

METHOD OF USE

SILOX -S11 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 -S11 complies with BS 5075- Part 3 and ASTM-C-494 Type 'G'



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Data Fact Sheet

SILOX-Aquaflo 102



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Sulfoniertes Naphthalinpolymer

Standards

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Packaging

SILOX -S11 is supplied in 1000 L.IBC and 200 kg drums. Alternatively, bulk deliveries can be arranged.

Storage and Shelf Life

SILOX -S11 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 -S11 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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