

Retarding Agent Concrete Admixture

DESCRIPTION

SILOX SR-55 is a viscous liquid designed for highest slump retention and retarding agent. It enables concrete to be maintained highly workable over time, and not have a big effect on concrete setting. The slump life extension can be controlled by its dosage.

Uses

SILOX SR-55 is suitable for use with all types of ordinary Portland cements, sulphate resisting Portland cement and pozzolanic materials such as PFA and micro silica. The product improves the effectiveness of the water content of a concrete mix. Maintains workability and extends the working life of concrete in hot weather.

Advantages

- High slump retention & retarding agent for concrete
- High performance concrete at high temperature.
- Concreting in hot weather when the normal setting time is shortened by hot weather.
- Long distance travel between the plant and the site
- Onsite delays - can be added to the mix at site
- Work well with SNF & PC.

Product Data

Colour	light brown- yellowish
State	viscous liquid
specific gravity	1.30± 0.03
Chloride content	Nil
Nitrate content	Nil
PH	7±2 (@25°C)



Dosage

Typically, 0.2-1.2 % of total Cementitious materials. The ideal dosage must be determined through trials using the exact materials and conditions that the concrete will encounter in its intended application, ensuring it meets specific requirement.

Standards Complains

Conforms to the requirements of BS 5075: Part 1 and ASTM C 494, Type B for Retarding Admixtures.



Packing

SILOX SR-55 is supplied in 1000 L.IBC and 200 kg drums. Alternatively, bulk deliveries can be arranged.

Storage and Shelf Life

SILOX SR-55 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.



Data Fact Sheet

SILOX-SR 55



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Health & Safety

SILOX SR-55 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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