



CLASSIC SUPERFLO - SP

Retarding Super Plasticizer

Product:

Classic Superflo-SP is a high range water reducing admixture conforming to BS 5075: Part 3 IS 9103 ASTM-C-494 type G.

Description:

Classic Superflo-SP is supplied as brown liquid based on Napthalene formaldehyde condensates, the powerful dispersing action of Super plasticizers can be used in many ways to obtain dense, high strength durable concrete.

The high water reduction up to 30% make Classic Superflo-SP ideal for use in precast concrete where high early strength are of paramount importance. It is a chloride free. It is also suitable for M-sand and P-sand.

Composition:

Classic Superflo-SP is non-toxic brown liquid based on Napthalene Formaldehyde Condensate.

Purpose & Uses:

To produce high strength concrete and flowing concrete without addition of water. Enables high water reduction up to 30% leading to high early and ultimate strengths.

Advantages:

- Increases strength-High early and ultimate strength, if water reduction is taken advantage of.
- Facilitates rapid placing of concrete and with little or no vibration.
- Use in precast concrete work.
- Excellent slump Retention.
- Makes the concrete denser, hence durability increased.
- Safe with mortar grouts.
- Improves Cohesion thus aids pumping of concrete.
- High water reductions up to 30%
- Ideal for RMC Plants.

Dosage:

0.4% - 1.2% by wt of cement. However, the optimum dosage should be determined by site trials. The normal dosage is 0.4% - 1.2% by weight of cement.

Packing:

Available in 5,10,20,50,100 Litre Carboy/Drums.

Increased Workability:

Classic Superflo-SP when incorporated in concrete mixes, increases the workability without addition of water, thus, leading to easy placement and finishing without the risk of segregation and bleeding. It is used for pumping concrete which is ideal for RMC plants.

Increased Strength:

Classic Superflo-SP can be used to reduce up to 30% water for a given workability leading to increase in high early and ultimate strengths. Such high early strengths and early stripping of form work leads to increased productivity on precast concrete and the production of high strength concrete without increasing cement content.

Properties:

Classic Superflo-Sp can be used with all types of Portland cements and is chloride free. It has no significant effect on setting times at normal dosage levels. It can be used in mortar grouting of prestressed wires.

Storage Life: Minimum one year if stored below 50°C in original sealed containers. If allowed to stand for a long time, contents should be stirred before use.

Over-Dosing:

Overdosing up to double the normal dosage levels may lead to retardation of setting times and may tend to segregate and produce ultra-fluid

CLASSIC SUPERFLO - SPTM

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Typical Properties:

Physical State: Brown Liquid
Specified Gravity: 1.20+/-0.015 @ 27 °C
Chloride Content: Nil as per IS 456 & BS 5075
Air Entrainment Less than 1% additional air entrained.

Handling Precautions:

Classic Superflo-Sp is non-toxic. However, splashes on the skin should be washed well with water and if contact with eye occurs wash well with water and seek medical advice.

How to Specify:

Classic Superflo-SP concrete super plasticizer shall be used in accordance with the instructions of **Primadonn Buildtech Pvt. Ltd.**, and dosages as determined at site.



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