



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 Naphthalene 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.

Classic Superflo SP is chloride free.

COMPOSITION

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

PURPOSE

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

- Increased strength – High early and ultimate strength, if water reduction is taken advantage of.
- Use in precast concrete work.
- Excellent slump Retention
- Improves cohesion thus aids pumping of concrete.
- Facilities rapid placing of concrete and with little or no vibration.
- Makes the concrete denser, hence durability increased.
- Safe with mortar grouts.
- 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

5, 10, 20, 50, 200 Lt. Carboy / drums.

INCREASED WORKABILITY

Classic Superflo SP when incorporated in concrete mixes increased the workability without addition of water; thus leading to easy placement and finishing without the risk of segregation and bleeding. **Classic Superflo SP** 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 lead 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 concrete.

TYPICAL PROPERTIES

Physical State	: Brown liquid.
Specific gravity	: 1.20± 0.015 @ 27°C
Chloride content	: Nil as per IS 456 and BS 5075
Air entrainment	: Less than 1% additional air entrained.

HANDLING PRECAUTION

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 Primadon Construction Products Pvt. Ltd. and dosages as determined at site.



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