



CLASSIC SUPERFLO SPECIAL

New Generation Super Plasticizer for High Performance Concrete

Product:

Classic Superflo Special is a high range water reducing admixture for concrete and grouts conforming to IS 9103-1999-ASTM-C-494 Type A & F

Description:

Classic Superflo Special is supplied as brown liquid based on sulphonated Naphthalene formaldehyde condensates and polymeric materials. The powerful dispersing action of super plasticizers can be used in many ways to obtain dense, high strength, high performance durable concrete. The high water reduction make **Classic Superflo Special** ideal for use in precast concrete where high early strength are of paramount importance.

Purpose & Uses:

To produce high strength concrete and flowing concrete without addition of water. Enables high water reduction leading to high early and ultimate strengths. Ideal in precast concrete works.

Dosage:

200 ml – 1000 ml per 50 Kg bag of cement. However, the optimum dosage should be determined by site trials. Other dosage may be recommended in special cases according to specific mixes. Overdosing up to double the normal dosage may lead to retardation of setting times and may time, contents should be stirred before use.

Packing:

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

Storage Life:

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

Typical Properties:

Appearance: Brown Liquid

Sp. Gravity: 1.22 +/- 0.015 @ 27°C

Chloride Content: NIL as per IS 456 & BS 5075

Dry Material Content: 41% +/- 3%

pH: 7 – 8

Air Entrainment: Less than 1 % additional air entrained.

Classic Superflo Special 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.

Increased Workability:

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

Increased Strength:

Classic Superflo Special can be used to reduce 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 increase productivity on precast concrete and the production of high strength concrete without increasing cement content.

Advantages:

- Flowable concrete with the lowest water to cement ratio.
- Eliminates segregation and bleeding.
- Improves concrete surface finish and texture.
- Improves cohesion thus aids pumping of concrete.
- Facilitates rapid placing of concrete and with little or no vibration.
- Makes the concrete denser, hence durability increased.
- Excellent slump retention.
- Early and ultimate compressive strength.

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How to Specify:

Classic Superflo Special concrete super plasticizer shall be used in accordance with the instructions of PRIMADONN Buildtech Pvt. Ltd. and dosages as mentioned in website.

Handling Precaution:

Classic Superflo Special 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.

Variety of Products:

Following are other similar products from Primadonn Buildtech Pvt. Ltd.

- Classic Airent
- Classic Airent-3
- Classic Crete-AXL (CB)
- Classic Crete-AXL (CF)
- Classic Crete-RMW (Powder)
- Classic Crete-RMW
- Classic Crete RPL
- Classic Mortar Plasticizer
- Classic Plasto-Master
- Classic Poly-Propylene Fibres
- Classic Superflo-PC
- Classic Superflo-N
- Classic Superflo-SP



Primadonn Buildtech Pvt. Ltd.

(An ISO 9001:2015 Certified Company)

No: 349, RS Road, Srinivasa Nagar, Kavaraipeetai, Gummidipoondi, Chennai-601206.

Phone: +91-9514709240

Mail: support@primadonn.com

www.primadonn.com