



CLASSIC SUPERFLO RPL

Retarding Super Plasticizer

PRODUCT:

Classic Superflo R2 is a retarding water reducing admixture conforming to IS-9103:79 BS-5075 part1:1982 and ASTM C-494:71 type D

DESCRIPTION

Classic Superflo R2 is based on processed lignosulphonates and can be used with all types of Portland cements.

Classic Superflo R2 acts as both a set-retarder and as a plasticizer.

As a retarder, it can be used to extend setting time in high ambient temperatures especially where mass concreting are involved such as foundations, water structures, silos, piles and slip form structures where long delays or interruption can lead to problems or where cold joints have to be avoided.

As a Plasticizer, it can be used to increase workability without addition of water or obtain increased strength by reducing water content for a given workability, Cement reduction up to 10% is possible for a given workability and strength.

The high workability is useful for difficult pours or where problem of reinforcement congestion exists.

PURPOSE

To retard the setting time of concrete and to reduce water requirement for a specified workability.

ADVANTAGES

- Extends setting time.
- Avoidance of cold joints.
- Increased workability makes placing, compaction and finishing easier and better.
- Increased strength due to reduction in water
- Reduced permeability and increased durability.
- Can be used with pump concrete.
- Chloride free
- Ideal for RMC Plants

DOSAGE

0.15 L to 0.5 Liters per 50 Kg cement may be used for a retardation of 1 to 4 hours.

PROPERTIES

Classic Superflo R2 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.

PACKING

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

TYPICAL PROPERTIES

Physical Form	: Liquid
Colour	: Brown
Specific Gravity	: 1.185 @ 27 deg. C
Air Entrainment	: 1% approximately.
Chloride Content	: NIL as per IS 456 & BS 5075

HANDLING PRECAUTION

Classic Superflo R2 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 R2 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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