



CLASSIC SUPERFLO N

Water Reducing Admixture

PRODUCT:

A water reducing admixture conforms to BS/5075: Part I: 1982 ASTM C 494 TYPE A and IS-9103: 1999

DESCRIPTION

Classic Superflo N is a water reducer based on processed lignosulphonates and is supplied as a brown liquid.

The powerful dispersing action of **Classic Superflo N** can be used to obtain dense, high strength durable concrete.

COMPOSITION

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

PURPOSE

To achieve increased strength by reduction of w/c ratio for a given workability

Increased workability can be achieved for a specified w/c ratio and strength.

To achieve specified strength by reduction of cement or cement substitute viz. Pozzolona: can also be used with all types of Portland Cements.

ADVANTAGES

- Higher compressive strength if water reduction is made
- Improved durability
- Reduces drying shrinkage
- Easier placing / compaction and fair faced finish
- Chloride free
- Used in pump concrete

DOSAGE

0.15 to 0.5 Liters / 50 kg cement. However, the optimum dosage should be determined by site trials. The normal dosage is 0.3% -1% by weight of cement.

PACKING

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

USES:

AS A WATER REDUCER

Classic Superflo N facilitates reduction of 12-18% without impairing the workability of the mix leading to increased strength and durability.

INCREASED WORKABILITY

Classic Superflo N facilitates significant increase in workability of mixes without reduction in strength and facilitates easy placement compaction and better finish.

Classic Superflo N can also be used to produce pumped concrete which is ideal for Ready Mix Plants.

ECONOMY

Classic Superflo N facilitates reduction of cement to the extent of 10% if water reduction is taken advantage of without impairing the strength and workability characteristic. Reduction in cement content leads to economy and reduced shrinkage characteristic.

Classic Superflo N may also be used to improve poorly graded concrete mixes having a higher water demand.

Classic Superflo N may be used in all types of Portland cements, PPC, etc.

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

Appearance	: Brown Liquid
Specific Gravity	: 1.18 @ 30 deg. C
Chloride Content	: NIL as per IS 456 & BS 5075
Air Entrainment	: Less than 1%

HANDLING PRECAUTION

Classic Superflo N 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 N 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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