



CEMEPLASTICIZER

Plasticizer - N

Description:-

Cemeplasticiser N is based on processed lignosulphonate and is supplied as brown liquid. Generally, cement particles tend to clump together and Cemeplasticiser N works by improving the dispersions of the agglomerates within the concrete mix which ensure that the cement is used more efficiently improve cohesion, reduces the risk of segregation and bleeding and reduces permeability.

Benefits:-

- Increase Workability.
- Liquid nature of admixture ensures homogenous mixing.
- Allow Concrete Placing in highly reinforced (congested) areas.
- Cement saving can be obtained without compromising in workability & strength.
- Increase in strength of concrete by reducing w/c ratio.
- Fills microscopic pores and thus enhance bonding of concrete & avoid shrinkage and cracking in concrete.
- Increase plasticity of concrete, thus it flows easily without increase in water & better compaction is achieved.
- Reducing risk of segregation & bleeding.
- By adding in concrete does not form rust as it is chloride free.

Dispensing:-

For large site jobs, dispensing equipment can be made used of dosage up to 300ml / 50 kg has no deleterious effect. Add most of the mixing water to the concrete mix Cemeplasticiser N with the balance of mixing water & add to the concrete.

TYPE	A, B & D-Type
Color	Dark Brown Black
Chloride content to BS5075 :1982	Nil
Nitrate content	Nil
Consumption with 100kg cement	0.28 - 0.7 %
Specific gravity	1.17 - 1.180 @ 25 °C
Air contents	Less than 1%
Freezing point	0°C. can be reconstituted, if stirred after thawing

Dosage:-

The dosage rate is 100ml to 250ml per 50 kg cement.

Mixing:-

Cemeplasticiser N should be added to concrete during mixing cycle at same time as the water and aggregates. Never add Cemeplasticiser N to the dry cement.

Compatibility:-

Cemeplasticiser N is compatible with all type of cement complying with international standards.

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Standards:-

ASTM C-494 Type A, B & D

BS-5075 Part 1

WRC- Used in potable water

Packaging: Available on Canes & Drums

Storage: Dry, Frost Free out of direct, Sunlight

Shelf Life: 12 Months when storage In Covered area,

Setting Time:-

Cemeplasticiser N acts efficiently to give controlled retardation of initial set. Setting times of concrete mixes are related to cement type and ambient temperatures.

CAUTION:-

Cemeplasticiser N is not a fire or health hazard. Spillages should be washed down immediately with cold water. For further information refer to the material safety data sheet

Materials & Formulation:-

All materials are imported from Germany, Dubai, China & Formulated in Pakistan.



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