



AEROTM
CONCHEM LLP

AN ISO 9001 : 2008 CERTIFIED COMPANY

AEROPLAST NP

Normal Plasticizer Cum Water Reducing Concrete Admixture

Description

AEROPLAST NP is a Ligno Sulphonate based normal plasticizer cum water reducer conforming to IS: 9103-1999 and ASTM C 494 Type A.

Uses

AEROPLAST NP is recommended for use in floor slabs, foundation, column, beams, ceiling & pavement.

Advantages

AEROPLAST NP is a low cost water reducer, which can be used to get one or combination of benefits:

- As a water reducer: (for increased strength) Reduction in the water cement ratio to maintain designed workability, increased strength. The concrete is also denser with lower permeability.
- As a workability aid: Increased workability can be achieved by using **AEROPLAST NP** for a given water cement ratio which will increase the flow characteristics of the concrete leading to easy placement, compaction and finishing.
- Reduction of cement content: **AEROPLAST NP** can be used to reduce cement content to the extent of 8 to 10% by maintaining the original strength specified and workability and reducing the water content required for the given mix.

Standards Compliance

AEROPLAST NP complies with IS : 9103 - 1999 and ASTM C494 Type A.

Instruction for use

AEROPLAST NP is added to part of the mixing water prior to its addition to wet aggregate cement mix. 0.3 to 0.5% by weight of cement. It is advisable to carry out trial mixes to establish the exact dosage rate required. It is compatible with all types of Portland & PPC cement.

Typical Properties & Specifications:

Sr.No	Properties	Specification
1	Specific gravity	1.100 ± 0.020
2	Physical Appearance	Dark Brown liquid
3	Chloride content(%)	0.1 (maximum)
4	Air entrainment	Less than 1%

Dosage

150 ml to 250 ml / 50 kg of cement.

Packing

AEROPLAST NP is supplied in 1, 5, 10, 50, 100 and 200 litre drums.

Shelf Life & Storage

AEROPLAST NP has a shelf life of 12 months from date of manufacture when kept at a temperature between 5 °C to 45 °C and store in the original, unopened bags. All material shall be stored under cover in a manner that will prevent damage preferable on pallets and protected from excessive heat and moisture. Do not freeze.



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Quality Assurance

AERO CONCHEM LLP is a firm of Assessed Capability. The company's quality system conforms to ISO 9001:2008.

Health & Safety

AEROPLAST NP is no-toxic and non-flammable. Avoid inhalation of dust during mixing and wear safety glasses, dust mask and gloves. If skin contact occurs wash thoroughly with clean water. Should eye contact occur rinse immediately with plenty of clean water and seek medical advice. Full health and safety data are given in Product Safety Data Sheet.

OUR RANGE OF PRODUCTS



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