

BUILDPLAST NP

Water reducing admixture for concrete

DESCRIPTION : BUILDPLAST NP is a processed multipurpose admixture/plasticizer.

STANDARD : BUILDPLAST NP complies with IS 9103, ASTM C 494 Type A

USES : BUILDPLAST NP is used for producing pump concrete, pile concrete, casting of slabs, roof, raft, columns, piers, basement etc.

BUILDPLAST NP is used for producing more workable concrete without increasing water and cement. On the other hand considerable strength can be achieved without altering workability.

FEATURES

- ❖ **BUILDPLAST NP** is used as a waterproofer by reducing water without altering workability and cement content.
- ❖ Enhances durability of concrete structures.
- ❖ Provides cohesive mix particularly lower grade of concrete.
- ❖ Increases pump output by reducing pipeline friction.
- ❖ Reduces vibration time resulting manpower saving.
- ❖ Ultimate cost saving.

DOSAGE : 0.5% – 1% by weight of cement. Higher dosage can be used in consultation with our technical service team. Optimum dosage to be determined by site trials.

INSTRUCTION FOR USE

Dilute the calculated quantity of **BUILDPLAST NP** with a part of gauging water to be used and add to the wetted concrete. For best results the concrete shall be mixed for 1 – 2 minutes after addition of admixture.

PROPERTIES

Compatibility	:	Is compatible with all portland & blended cements
Permeability	:	Reduction in w/c ratio to produce better impermeability
Dispersion	:	Being water based liquid, BUILDPLAST NP has excellent dispersion capability. For best results, the admixture is to be added with the mixing water.
Workability	:	Allows specified strength grades to be made at reduced cement content or increased workability.
Quality	:	Improves overall quality of concrete.

TECHNICAL DATA

Appearance	:	Dark brown colored liquid
Specific gravity	:	1.15 ± 0.02
Chloride	:	Nil as per IS 9103
pH value	:	7-8
Retardation	:	Marginal increase in retardation at normal dosage range
Air Entrainment	:	Not more than 1% of ref. Mix.
Shelf life	:	12 months if kept in unopened containers.
Packing	:	250 kgs. & 25 kgs.
Storage	:	Keep it under a shade.
Health and safety	:	Non-toxic, non-inflammable and eco-friendly.