

DURA BUILD CARE PVT. LTD.



AN ISO 9001 : 2008 COMPANY

"Quality, Integrity Assured."

DURASPRED N

Water Reducing Admixture/ Plasticiser for Concrete

Description :

Normal setting water reducing admixture/plasticiser based on modified ligno sulphonate which will increase the workability of concrete or allow a water reduction upto 10%.

Standards :

Conforms to IS : 9103-1979, ASTM C 494 Type A, and BS 5075 Part I :1982(Normal water reducing Admixture).

Uses :

It is used in producing more workable concrete. In other words concrete slump is increased considerably or else strength can be increased substantially at same workability through water reduction, cement can be saved upto 10%. It is very useful for structural and fair-faced concrete, prestressed concrete, in situ and precast concrete.

Features :

Concrete designed with **Duraspred N** exhibits the following features:

- ❑ Highly workability-high strength- increased durability
- ❑ Less permeable concrete
- ❑ Increased cohesion
- ❑ Lower unit water content
- ❑ Economy in cement
- ❑ Reliability as **DURASPRED N** is produced and supplied under rigid quality control and conforms to all relevant International Standards.



Technical Data :

Colour	: Brown
Specific Gravity	: 1.15 ± 0.02
Chloride	: Nil (No added Chloride but may be found in traces As it is found in town supply water).
Effect on rate of setting & Hardening	: Little at 250ml per 50kg cement.
Shelf Life	: 12 months if kept in original packing under shed.
Suitable with cement	: All type of Portland cement including sulphate Resisting Cement and special cement.

Application :

DURASPRED N being liquid should be added with the gauging water. It should not be poured on dry cement.

Dosage :

The optimum dosage is the best determine by site trial with actual concrete mix, which enables to indicate workability increases. Strength gain and / or cement reduction is to be measured. As a guide rate of addition of **DURASPRED N** is generally in the range of 250ml to 400 ml per 50kg bah of cement. Higher rate may be used for lean mixes i.e. cement content above 450kg/m³ and also in a situation where harsh aggregates have to be used. Avoid over dosing.

Packing:

25ltr., 100ltr., 200ltr. Container.

Health & safety:

Non-toxic and Non- Flammable, Eco-friendly.

IMPORTANT: Though the product may change with some code as suffix or addendum to the principal or original name out of some minor adjustment and fine tuning in the formulation due to our continuous research and development but shall exhibit the stated properties with more improvement.

WARRANTY: Our high potency products are manufactured under stringent National/International Quality Standard specifications and guaranteed against any manufacturing defect. Suggestions and recommendations are made here based on our most practical experience and exposure over 25 years in the field and are believed to be most appropriate and correct BUT no liability can be accepted by us, as the conditions of use of such products are beyond our control.

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