



## PRODUCT DESCRIPTION

ZURAPLAST-N is a normal water reducing admixture/ plasticiser based on modified lignosulphonate to increase the workability of concrete or allow a water reduction (upto10%)

## STANDARD

Conforms to IS:9103-1999 (reaffirmed 2004), edition 2.2 (2007-2008), ASTM C494/C494M-08a, Type A & BS EN 934

## USES

- ▶ Locations with congested reinforcements where improved workability is required
- ▶ Roof slabs for residential/industrial buildings
- ▶ Medium to low grade concrete where cohesivity is required
- ▶ Pump concrete as it improves the lubricating properties

## ADVANTAGES

- ▶ Improves the workability of concrete, even harsh mix and makes it easier to place
- ▶ Improves both early and ultimate strength without increasing cement content and without reducing workability
- ▶ Reduces the permeability of concrete and make it more durable
- ▶ Reduces drying shrinkage cracks, bleeding and segregation of concrete
- ▶ Improves surface finish, allows producing denser concrete

## COMPATIBILITY

ZURAPLAST-N is compatible with all types of cements. However, in order to get the maximum benefits of the product, it is advisable to conduct trial mixes before use.

## DOSAGE

The optimum dose depends on grade of concrete, cement content (type of mix) and the desired workability. It is advisable to conduct laboratory or site trials with particular mix to achieve the optimum economical does. As a guide, the dose may vary from 200ml-500ml/50kg bag of cement. However, over dosing should be avoided.

## TECHNICAL DATA

Form	Dark Brown Liquid
Chemical Basis	Lignosulphonate Formaldehyde
Specific Gravity	1.170 - 1.190 (at 27°C)
Chloride	Nil
Air Entrainment	May increase marginally/less than 1%. Addnl. air is entrained within the recommended dosage
Effect on setting & Hardening rate	Very nominal at normal dosage, higher dosage may show over Retardation

## SHELF LIFE

12months if stored in original packing under shed and at normal ambient temperature

## PACKAGING

ZURAPLAST-N available in 20 & 200Kg

**Important:** It is the Customer's responsibility to satisfy themselves by checking with the Company whether the information is still current at the time of use. The customer must be satisfied that the product is suitable for the use intended. All products comply with the properties shown on current Technical Literatures. However, **Prozura Construction Chemicals Pvt. Ltd.** does not warranty or guarantee the installation of the products as it does not have any control over installation or end use of the product. All information and particularly the recommendation relating to application and end use are given in good faith.