

## **POLYTANCRETE NGT**

### **SUPER PLASTICISING ADMIXTURE**

**POLYTANCRETE NGT** is a polymeric liquid admixture, useful for increasing the strength of concrete or mortar by reducing the water content of the mix. It is also useful for modifying and improving several properties of fresh or hardened concrete.

#### **Uses**

- Use of prescribed quantities of **POLYTANCRETE NGT** considerably improves several properties of concrete:

#### **In Plastic Concrete**

- Improves Finishability
- Improves Workability
- Reduces Water requirements
- Reduces Segregation

#### **In Hardened Concrete**

- Increases all strengths
- Improve finished appearance
- Reduces cracking
- Reduces permeability

#### **Advantage**

- **POLYTANCRETE NGT** reduces the water/ cement ratio considerably while maintaining the workability.

#### **Instructions for use**

- Calculate the gauging water, by 10% to 25% volume reduction.
- **Polytancrete NGT** is water soluble and is to be added to the gauging water i.e. water to be mixed in the concrete /mortar.
- Add 150 ml to 400 ml per 50 Kg bag of cement depending upon requirements of slump or workability of concrete. Use 150 ml per 50 kg bag of cement for waterproof plaster.
- It is desirable to have trial mixes to assess the actual effect of the ingredients under field conditions.

#### **Conformance**

Confirms to ASTM C – 494 Type F and IS 9103 for chemical admixture.

#### **Packing**

1, 5, 20, 200 ltrs. HDPE containers.

#### **Storage and Shelf life**

It has a shelf life of 12 months when stored in original containers in a cool, dry place.

#### **DISCLAIMER**

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