



HIND PLAST SUPER^(TM) PQC

PRODUCT DATA SHEET

SUPERPLASTICIZER FOR PAVEMENT QUALITY CONCRETE

DESCRIPTION

Hind Plast Super^(TM) PQC is a Polymer based, high range water reducer cum slump retainer plasticizer specially suitable for concreting in hot climate conforming to **IS: 9103 : 1999** (Reaffirmed 2004) Edition 2.2 (2007-08) and **ASTM C494**.

USES

Hind Plast Super^(TM) PQC is recommended for use in floor slabs, foundation and slender components with packed reinforcement and pavement quality concrete for Roads, Bridges Decks, Jetty etc.

ADVANTAGES

- Improves very high workability to concrete mixes without addition of extra water.
- Improves the retention of high workability with time without excessive retardation of set.
- Reduces permeability.
- Produces flow-able concrete
- Water reduction up to 20%.
- Significant increase in ultimate strength.
- No Shrinkage effects.

APPLICATION

The recommended dosage range is 0.4 to 2% 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 Portland cement. **Hind Plast Super^(TM) PQC** is added to part of the mixing water prior to its addition to wet aggregate cement mix.

PROPERTIES

Form	Dark Brown liquid.
Specific gravity at 27 ⁰ C	1.10 to 1.15
Chloride content	0.2 % (Maximum)
Air Entrainment	1 to 2 % additional air is entrained.
pH	≥ 6

SHELF LIFE

Best before 12 months from the date of manufacture in unopened condition. Should be stored in a cool and dry place away from direct sunlight at temperature ranging between 2⁰ C (Min.) and 50⁰ C (Max.)

PACKING

250 Kg. HDPE Container or as required.

HANDLING PRECAUTION

Hind Plast Super^(TM) PQC is non-toxic and ingestion is to be avoided. Any splashes to the skin must be washed with water. If contact with eyes occurs, wash well immediately with water and seek medical advice.

Note:

- **Hindcon Chemicals** maintains a team of technically trained professionals to provide full support to your problems in construction, and recommend the correct product to suite your specific requirements. Our authorized applicators can attend your site for application of the products.
- The content of the Technical datasheet are for general information and guideline. The result shown here are generated from our laboratory or from our site experiences.
- Quality of our products are maintained as per ISO9001:2008 recommendations and continuous researches. The behavior can change as per the prevailing conditions at the time of applications.
- Since **HINDCON CHEMICALS LIMITED** has no control over the use to which the users may put the material, it does not claim or warrant that in the user's particular circumstances, the result that the user will obtain from the product will be the same as those described in this communication or that the user will find the information or recommendations complete, accurate or useful. The client must test and ascertain the safety and fitness for the product for use.
- The right to change the properties of the products is reserved with us. The proprietary rights of third parties must be observed. All orders are accepted subject to the terms of sale and delivery. Users must always refer to the most recent issue of the latest Data Sheet for the product concerned, copies of which will be supplied on request.

HINDCON CHEMICALS LIMITED

(AN ISO 9001: 2015 COMPANY)

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