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INNOVATING FOR A BETTER WORLD

ACCELERATING ADMIXTURE



PROCRETE HP 30

High Range Accelerator Admixture Based on PCE

Description

PROCRETE HP 30 an accelerator for use in concrete and cement mortar to give rapid strength development for early stripping of formwork and to help resist the effects of frost. Ideal for winter working.

Advantages

- Shortens the setting time of cement and thereby increase the rate of gain of strength.
- Ideal for stabilization of long haul concrete
- Enables earlier release from precast mould
- Earlier finishing of surface
- Reduction of hydraulic pressure in form
- More effective plugging of leaks against hydraulic pressure

Uses

- To increase long term strength
- To get flexibility
- To get innovative construction concept
- In instant repair of concrete structure
- In high quality concrete production

Standard Confirm

- IS 9103:1999

Standard Compliance

- BS 5075 Part 1 ASTM C1141, Type C

Method of Application

- The optimum dosage of PROCRETE HP 30 to meet specific requirements should be determined by trials using the materials and conditions that will be experienced in use. The normal dosage range is between to 1.2% wt. of cementitious material.

Technical Information

PROPERTIES	RESULTS
Appearance	Clear brown free flowing thin liquid
Sp. Gravity	1.02 to 1.05 @27°C
pH Value	7 to 8 @27°C
Chloride Content	Nil

This in turn leads to a series of associated benefits

- **Enhanced durability:** PROCRETE HP 30 reduces the permeability and increases the resistance to weathering and enhances the durability.
- **Workability:** The addition of PROCRETE HP 30 without reduction of the water content increases the slump and significantly improves concrete flow characteristics without decrease in concrete strength.
- **Compressive strength:** PROCRETE HP 30 reduces demand of water in concrete mix which ultimately increases compressive strength and produce durable concrete.

Over dosing

- Overdosing will give increase acceleration and workability. Entrained air may increase slightly.

Curing

- Normal good curing practice should be adopted.

Packaging

- PROCRETE HP 30 is supplied in 220 Kg drums.

Storage

- Minimum of 12 months shelf-life if kept under room temperature (i.e. 27°C).

For selection of admixture

- As per your project please visit our smart store in www.redwop.net

Note: All technical data stated in this product data sheet are based on laboratory tests. Actual measured data may vary according to trails and quality of material availability.

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