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ACCELERATING ADMIXTURE



PROCRETE PB 12

Accelerator admixture for concrete based on PCE

Description

PROCRETE PB12 is a plasticizer liquid admixture. Designed for use in no-slump concrete, it is ideally suited for factory-line concrete production such as block making. It assists in the manufacture of a more uniform and predictable concrete. Chloride free PROCRETE PB12 may also be used in dry pack, standard and light weight concrete production. It is a particularly strong plasticizer allowing production of consistent concrete properties around the required dosage.

Advantages

- Increased early and ultimate compressive strengths
- Better resistance to carbonation lower permeability
- Better resistance to aggressive atmospheric condition
- Increased durability

Uses

- Pavers
- Masonry block unit
- Plain cement tiles
- Concrete pole & pipes
- Cement roof tiles

In all types of low and high rise building construction concrete

Standard Confirm

- IS 9103:1999

Standard Compliance

- BS 5075 Part 1 ASTM C1141, Type C

Technical Information

PROPERTIES	RESULTS
Appearance	Clear Brown free flowing thin liquid
Sp. Gravity	1.01 to 1.05 @27°C
pH Value	7 to 8
Chloride Content	Nil

Method of Application

- The optimum dosage of PROCRETE PB12 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 1.5% of cementitious material.

This in turn leads to a series of associated benefits

- Enhanced durability:** It reduces the permeability and increases the resistance to weathering and enhances the durability.
- Workability:** The addition of PROCRETE PB12 without reduction of the water content increases the slump and significantly improves concrete flow characteristics without decrease in concrete strength.
- Compressive strength:** It reduces demand of water in concrete mix which ultimately increases compressive strength and produce durable concrete.

Over dosing

- Overdosing will increase acceleration and workability.

Curing

- Normal good curing practice should be adopted.

Packaging

- PROCRETE PB12 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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