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INNOVATING FOR A BETTER WORLD

ACCELERATING ADMIXTURE



PROCRETE PB 24

Mid-range accelerator admixture for concrete

Description

PROCRETE PB 24 is a blend of poly carboxylate ether which can be used to increase either the rate of stiffening or setting of the concrete or the rate of hardening and early strength gain to allow earlier formwork striking and demoulding. This allows concrete to be placed in winter with reduced risk of frost damage.

Advantages

- Ideal for stabilization of long haul concrete
- Allows for more uniform and predictable quality concrete to facilitate placing and finishing
- Improves early concrete strength and finishing characteristics
- Better resistance to carbonation Lower permeability
- Better resistance to aggressive atmospheric condition

Uses

- Paver blocks
- Masonry block unit
- In all types of low and high rise building construction concrete
- Plain cement tiles
- To get improved concrete surface
- To improve workability

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	1.02 to 1.05 @27°C
pH Value	7 to 8

Method of Application

- The optimum dosage of PROCRETE PB 24 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 0.6 to 1.2% 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 PB24 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 PB2 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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