



PROCRETE MP20

Normal superplasticizer mid PC based

Description

PROCRETE MP20 is a high performance polycarboxylate ether based super plasticizer and a new type water reducing admixture with mid PC for concrete. These are synthetic water-soluble organic substances that reduce the amount of water require to achieve a certain stability of concrete, reduce water-cement ratio, reduce cement content and increase slump.

Advantages

- Better resistance to aggressive atmosphere
- It is appropriate to produce high durable concrete
- Resistance to carbonation
- Reduce cement content, permeability and provide water proofing effect
- Reduces shrinkage and creep

Uses

- Concrete requiring long workability retention
- High strength concrete
- High slump concrete
- Pre-stressed concrete and post-stressed concrete
- Concrete which is to be carried out for a long distance
- Ready mix concrete

Compliance Standard

- BS: 5075:1985 part-3, ASTM C 494M Type 'F' (As a high range water reducing admixture)
- IS 9103:1999

Technical Information

PROPERTIES	RESULTS
Apperance	Pale yellow liquid
Sp. Gravity	1.02 to 1.04
pH Value	7 to 8
Chloride content	Nil

Method of Application

• Optimum dosage of PROCRETE MP20 should be determined with trial mixes. As a guide, a dosage range of 0.8 to 1.5 % volume by weight of cement is normally recommended. It can be directly added into the mix at the same time as the gauging water. Reduce water dosages for required consistency if needed.

Benefits

- **Durability:** PROCRETE MP20 reduces water cement ratio which directly increases the compressive strength and enhances the durability without affecting its any physical properties.
- **Permeability:** Reduced water- cement ratio reduces capillary porosity and improves water tightness. Improved workability facilitates easy placing and good compaction, resulting in production of dense, impermeable concrete.

Overdosing

- An overdose of double the intended amount of PROCRETE MP20 will result in an increase retardation as compared to that normally obtained at the intended dosage and similarly affect its strength and durability.

Curing

- It is strongly recommended that concrete should be properly cured.

Packaging

- PROCRETE MP20 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.

REDWOP CHEMICALS PVT. LTD.

Head office: 2nd Floor, Pearl plaza Complex, B/S GT Sheth School, Near KKV Hall, 150ft Ring Road, Rajkot- Pin.360005 Gujarat, India.

✉ info@redwop.net

🌐 www.redwop.net

☎ +91 97246 55551

☎ +91 281 2576664