

TECHNICAL DATA SHEET

RITEBLOCK® PC

High Performance Admixture for Concrete Block

(Ref. MBPL / TDS / RITEBLOCK PC / 0524)

❖ **Product Description**

RITEBLOCK® PC is a ready to use , new generation plasticizer based on new polycarboxylate technology and specially designed to make unreinforced plain concrete block cost efficient. High performance compaction aid for semi-dry/no-slump concrete.

❖ **Special Features**

- **ASTM C : 494 - TYPE - C & TYPE - E**
- High early strength super plasticizing admixture for concrete block.
- Eco-friendly product
- Increased green strength on immediate de-moulding
- Improved durability and life expectancy
- Improved surface finish



❖ Application

- Paver block.
- Solid concrete block.
- Concrete roof tile.
- Hollow concrete block.
- Light weight concrete block (CLC).
- Cement tiles (grey/ coloured)
- Kerbstones

❖ Advantages

- Increase plasticity
- Increase flexural strength & compressive strength
Improves colors and texture consistency
- Reduced cracking & crazing
- Minimizes the undulation of the surface
- Sharper corner & edges

❖ Dosage

- Approximate dosage 200ml to 500ml per 50kg bag.
- Depending on site conditions dosages might vary.

❖ Packing

Available in **50 kg & 230 kg** Drums.

❖ Shelf Life

Factory sealed pack are best before 12 months from the date of manufacturing in unopened condition and stored in cool & dry area.

❖ How to Apply

Mixing

- The required quantity of RITEBLOCK PC should be mix with some amount of water and add it in concrete.

Curing

- Normal curing is required.

❖ Notes on Application / Limitations

- Application can be done under normal temperature conditions.
- Provide the storage temperature 10°C to 30°C under cool and dry conditions.

❖ Technical Data

General Properties

Testing Parameters	Results
Appearance	Light Amber Coloured Liquid
Specific Gravity	1.23+0.01
Solid Contain	42+2%
Solubility	Easily soluble with water

❖ Standard Followed

- ASTM C : 494 - TYPE - C & TYPE - E

❖ Precautions

- Keep out of reach of children
- Wear suitable protective cloths, respirator and gloves
- In case of contact with skin / eyes, wash immediately with plenty of water & seek medical help

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The information given in this TDS is for general guidance only. Specific instruction for various site conditions can be provided on demand.

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