

## PR PAVER 1050

### Polycarboxylate Ether (PCE) Based Superplasticizer For Paver Blocks, Hollow Blocks & Masonry Blocks

#### 1. PRODUCT DESCRIPTION

PR Paver 1050 is a high-performance polycarboxylate ether (PCE) based superplasticizer with a 40% active solid content. It improves flow, compaction, early strength, and helps reduce overall cement consumption in paver blocks, hollow blocks, masonry blocks, tiles, and precast elements.

#### 2. KEY FEATURES & BENEFITS

- High-efficiency 40% PCE technology
- Improves flow & compaction
- High-density & low porosity
- Superior surface finish
- Reduces water by 20–35%
- Helps reduce cement usage
- Excellent early strength
- Better pigment dispersion

#### 3. TYPICAL APPLICATIONS

- Paver blocks
- Hollow blocks (4"-8")
- Masonry blocks
- Kerbstones and tiles
- Precast concrete units

#### 4. DOSAGE

Typical dosage: 0.3- 2.5 kg in 100kg of cement content.

Dosages outside of this range can be used depending on the mix design, raw materials, climatic conditions and concrete requirements. Trial mixes must be performed to establish the exact dosage rate required.

Version; 219\_ 2024 A

## 5. TECHNICAL DATA

Property	Value
Appearance	Light grey liquid
Chemical Base	Polycarboxylate Ether (PCE)
Solid Content	40% ± 2%
Specific Gravity	1.10 ± 0.02
pH	5-7
Chloride Content	< 0.1%
Alkali Content	< 1.0%
Shelf Life	12 months

## 6. COMPATIBILITY

Compatible with all cement types and pigments.

## 7. STORAGE & HANDLING

Store in a cool shaded place ,in dry conditions at temperatures between +5 °C and +35 °C.

## 8. PACKAGING

20 L jerrycans, 200 L drums, 1,000 L IBC tanks.

## 9. SAFETY

Avoid contact with eyes. Rinse with plenty of water if contact occurs.

## 10. CONTACTS

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