

FWDCEL[®] PC-03

Polycarboxylate Superplasticizer Powder

FWDCEL[®] PC-03 powder is a polycarboxylate-based high performance water reducing admixture with good slump retention.

The product meets the requirements of GB 8076-2008 "Concrete Admixtures" and TB/T 3257-2018 "Concrete for Railway Construction".

Technical Data

Property	Value	Unit
Physical form	White free flowing powder	
Moisture	Max. 5.0	%
Solids content	Min. 98	%
Particle Size (D50 um)	App.70~100	
PH	7.0-9.0	%
Recommended Dosage	0.3-1.5	%
Solubility	Completely Soluble	
Bulk density	500-700	(g/l)
Active content	Min. 95	%

Key properties

- High stability
- High water reduction
- High plastification in mortar or concrete
- Excellent adaptability with kinds of cement
- Super development of early strength
- Excellent compatibility with other additives, such as de-foaming agent, retarder, expansive agent, accelerator etc.
- Obtain ratio of performance to cost.

Applications

- Self-levling mortar
- Grouting mortar
- Spreading mortar
- Brushing mortar



SHANDONG FORWARD NEW MATERIAL TECHNOLOGY CO., LTD.
No. 1166, Xinluo Street, Pilot Free Trade Zone, Jinan City, Shandong, China
Email: info@fwdnewtech.com
www.fwdnewtech.com

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Packaging

25kg Woven bags with an inner polyethylene bag.
According to customer's requirement

Usage & Dosage

Dry mixed homogeneously with other ingredients of dry mortar and packaged as one product, which can be at job site mixed with recommended dosage of water for application.

Recommended dosage is 0.015-0.45% based on binder weight.

The detailed dosage should be determined by test in advance according to local raw materials and construction regulation.