



WellKnit Chemicals

Well-Mix PCE PQC

Chloride Free Super plasticizer for Paver Quality Concrete

Description

Well-Mix PCE PQC is based on poly-carboxylated ether and is supplied as a Dark brown liquid instantly dispersible in water. **Well-Mix PCE PQC** has been specially formulated to give high water reductions upto 25% without loss of workability or to produce high quality concrete of reduced permeability. **Well-Mix PCE PQC** is specially formulated to meet the requirements of PQC.

It conforms to IS: 9103 – 1999 and ASTM-C-494 Type 'F' as high range water Reducing admixture.

Characteristics

Colour	Dark Brownish	Specific Gravity @ 30 ^o C	1.05 ± 0.04
Ph	6 – 8	Chloride Content	Nil
Dosages, by weight of cementitious material, %		0.5- 1.0 *	

Application

- High performance concrete.
- Ready mix concrete.
- Flowing concrete.
- Heavily reinforced concrete.
- Pump able concrete.
- Concrete for precast slabs

Advantages

- Improved workability.
- Increased strength.
- Improved quality.
- Higher cohesion.
- Chloride free.

Application Methodology

- Add **Well-Mix PQC** to the dosing water. It should not come into contact with dry cement.
- Charge all concrete material in the proper order into the mixer with about 70 % of the mixing water and mix for appropriate time. Add rest quantity of water with admixture to obtain the required slump and mix for additional 2 –3 minutes.
- Narrow sections must be watertight, strong and must have good bracing.
- During the “Flowing period” the concrete will exert a higher pressure at the base of the form than conventional concrete.
- Compatible with all types of Portland cement including SRC (Sulphate Resistance Cement) and not compatible with high alumina cement.

Dosage

The optimum dosage is best determined by site trials with the concrete mix which enables the effects of workability, strength gain or cement reduction to be measured. Site trials with Well-Mix PQC should always be compared with a mix containing no admixture. As a guide, the rate of addition is generally in the range of 0.5 - 1 % by weight of cement. Overdose may cause Increase in air entrainment, Increase in workability, Retardation of initial and final setting times.

Health & Safety

- **Well-Mix PQC** is non-toxic.
- Any splashes on the skin should be washed immediately with water.
- Splashes on the eyes should be washed immediately with water and seek medical advice.

Packing

Available in 235 KGs drums.

Storage

Store in a cool dry place under a shed away from heat.

Shelf Life

10 months in original sealed condition.

Well Knit's Businesses

**Protective / Anti-Corrosive Coating Product
Admixtures / Grouts / Sealants & Additives
Other Chemical Product**



Mo.+91 97562 07683 , 70377 95299

Plot No.64, Shri Krishna Industrial Estate Moja nougaon

Sonkh Road Mathura (UP) 202001

Email: Wellknit_chem@outlook.com

Website: www.wellknitchemical.com

