

CONXL – PCE RHEOPLUS 2639

NEW GENERATION HIGH SLUMP RETAINING CONCRETE SUPERPLASTICIZER

DESCRIPTION

CONXL PCE-RHEOPLUS 2639 is a high performance retarding superplasticizer intended for applications where retardation and long workability retention are required and it has been developed for use in:

- High performance concrete for durability
- Production of smart dynamic concrete / Low **finer** self compacting concrete
- High early and ultimate strength concrete
- High workability without segregation or bleeding
- Pumped concrete

CONXL PCE-RHEOPLUS 2639 is a unique combination of the latest generation superplasticizers, based on poly carboxylic ether polymer with long lateral chains.

ADVANTAGES

- Increased retardation controls the heat of hydration and yield high ultimate strength.
- Elimination of vibration and reduced labour cost **in placing**.
- Improved adhesion to reinforcing and pre-stressing steel.
- Lower permeability – Increased durability
- Better resistance to carbonation
- Better resistance to aggressive atmospheric conditions, reduced shrinkage and creep.

CHEMICAL PROPERTIES

Appearance	:	Light Brownish Liquid
Specific Gravity	:	1.08
pH value	:	7±1
Chloride content	:	0.014 IS:9103-1999 IS 6925-1973 (Reaffirmed 2013)
Solubility	:	Water Soluble

STANDARDS

CONXL PCE-RHEOPLUS 2639 conforms to ASTM C 494 Type B, Type D and Type G and complies with IS: 9103 - 1999.

DOSAGE

Optimum dosage of CONXL PCE-RHEOPLUS 2639 to meet specific requirements should always be determined by trials using the materials and conditions that will be experimental in use. The normal dosage range is between **0.15 L to 2.5 L** per 100 kg cementitious material.

EFFECT OF OVERDOSING

Over dosage may cause delay in setting time and segregation.

COMPATIBILITY WITH CEMENT

CONXL PCE-RHEOPLUS 2639 can be used with all types of OPC, composite cement (PSC and PPC), Silica Fume, Metakaolin, Rice Husk Ash (RHA), Pulverized Fuel Ash (PFA) and Ground-Granulated Blast-Furnace Slag (GGBFS).

MATERIAL SAFETY DATA

CONXL PCE-RHEOPLUS 2639 is made from chemicals which present no fire or health hazard. However, in case of spillage, washing with water is adequate. Eye / skin contact should be avoided.

STORAGE AND SHELF LIFE

To be stored away from heat and frost. Best before 12 months from the date of manufacture.

PACKING

230 kg HDPE drums. Small and Bulk packing on request.

DISCLAIMER

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