

## CONXL - PCE RHEOPLUS 2668

### NEW GENERATION HIGH SLUMP RETAINING CONCRETE SUPERPLASTICIZER

#### DESCRIPTION

CONXL - PCE RHEOPLUS 2668 is a high performance retarding superplasticizer intended for applications where retardation, long workability retention and cohesive concrete mix are required. CONXL PCE RHEOPLUS 2668 is formulated with inbuilt VMA (Viscosity modifying agent) 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 2668 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 ± 0.02
pH value	:	7±1
Chloride content	:	0.014 IS:9103-1999 IS 6925-1973 (Reaffirmed 2013)
Solubility	:	Water Soluble

#### STANDARDS

CONXL - PCE RHEOPLUS 2668 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 2668 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 **0.2L to 3.0L** per 100 kg cementitious material.

**EFFECT OF OVERDOSING**

Over dosage may cause delay in setting time and segregation.

**COMPATIBILITY WITH CEMENT**

CONXL - PCE RHEOPLUS 2668 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 2668 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**

*Information contained in this bulletin is true, accurate and represents our best knowledge and experience. No warranty is given or implied with any recommendations made by us or any of our representatives, as the conditions of use and the competence of any labour involved in the produce usage are beyond our control.*



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