

CC PC41

Polycarboxylate Superplasticizing and Retarding Admixture



CONCRETE
COLORS &
CHEMICALS

DESCRIPTION

CC PC41 is a new generation high range water reducing and retarding admixture with a unique formulation based on carboxylated polymers technology.

CC PC41 does not contain calcium chloride or any other intentionally added chlorides and will not initiate or contribute to corrosion on steel reinforcement present in the concrete.

APPLICATIONS

CC PC41 is recommended for use in the production of all high strength concrete products, whenever high plasticity and increase early and ultimate strengths are desired. The superplasticizing action of **CC PC41** provides excellent workability at low water cement ratios

CHARACTERISTICS

Appearance	Light Yellow Liquid
Specific Gravity	1.04 ± 0.015
Cl- Content	Nil
pH	8 ± 1

APPLICABLE STANDARDS

ASTM C-494 Types D and G.

ADVANTAGES

- High workability of placing and compaction without segregation
- Higher early and ultimate strengths for cost effective high strength concrete
- Higher early strengths allow faster demolding and more efficient use of forms of precast
- Improves pumpability in conjunction with setting time
- Increased slump improves workability and reduces labor costs.
- Full flow action aids in pumping and reduces need for vibration.
- Greater concrete density reduces permeability and increases durability.
- High resulting workability recommended for congested reinforced structures
- Recommended for mass concrete



STORAGE

Store in a dry shaded condition, at temperature between 5°C and 35°C

SHELF LIFE

Original sealed package has a shelf life of 12 months if stored properly.

HEALTH & SAFETY

Product may cause skin irritation. Wear gloves and goggles and apply barrier cream to hands. In contact with eyes or mucous membrane, flush immediately with plenty of warm water and seek medical attention without delay.