

High-range water-reducing superplasticizer

DESCRIPTION

DUCONMIX PCE Pink is a chloride-free, high-range water-reducing superplasticizer based on advanced PCE technology. It provides excellent workability, reduced water demand, improved strength and durability for ready-mix, pumped and high-performance concrete applications.

RECOMMENDED USE

- Ready-mix concrete
- Pumped concrete
- High-strength concrete
- High-performance concrete
- Self-compacting concrete (SCC)
- Congested reinforcement areas
- Mass concrete
- Concrete requiring high water reduction and improved workability

FEATURES AND BENEFITS

- Advanced PCE technology
- High water reduction
- Excellent workability and pumpability
- Reduces segregation and bleeding
- Enhances strength and durability
- Improves concrete surface finish
- Compatible with various cement types and high-performance concrete applications

PRODUCT INFORMATION

Standard Compliance	ASTM C494 Type F / EN 934-2
Chemical Base	Modified Polycarboxylate Ether
Recommended Dosage	0.4%–1.6% by weight of cement
Water Reduction	Up to 30%
Compatibility	OPC, PPC, PSC & SCMs
Chloride Content	Chloride-free
Workability	Excellent
Packaging	5, 10, 20 & 250 kg
Shelf Life	12 months

APPLICATION PROCEDURE

General

DUCONMIX PCE Pink shall be used in accordance with recommended application guidelines and should only be added by trained and qualified personnel. The optimum dosage shall be established through laboratory or site trial mixes.

Preparation

Ensure all concrete constituents are accurately batched and comply with the project specifications. DUCONMIX PCE Pink is supplied ready for use and should not be diluted.

Mixing Procedure

Add DUCONMIX PCE Pink together with the mixing water. For optimum performance, introduce the admixture after approximately **50–70%** of the mixing water has been added to the concrete mix. Do not add directly to dry cement or aggregates. Continue mixing for a minimum of **60 seconds** after addition to obtain a uniform and homogeneous concrete mix.

Placing & Curing

Place, compact and cure the concrete in accordance with good concreting practice. Proper curing is essential to achieve optimum workability, strength and long-term durability.

Compatibility

DUCONMIX PCE Pink is compatible with ordinary Portland cement and supplementary cementitious materials such as fly ash, GGBS, silica fume and metakaolin. Trial mixes are recommended before use with other chemical admixtures.

Precautions

Wear suitable PPE during handling. Avoid contact with eyes and skin. Do not ingest. Store in sealed original containers and refer to SDS/MSDS before use.

Statement of Responsibility (Disclaimer)

The technical information and application advice are based on present state of our best scientific and practical knowledge. As the information herein of a general nature, no assumption can be made as to a products suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.