



CONTROL™ PCE 900

High-Performance Polycarboxylate Ether Superplasticizer – Enhanced Flow Retention

CONTROL™ PCE 900 is a next-generation powdered superplasticizer based on advanced PCE polymer technology, engineered for drymix systems where excellent fluidity, long flow retention, and crack resistance are essential. CONTROL™ PCE 900 is optimized for demanding formulations, offering high water reduction efficiency (>25%) and improved final strength. It is particularly suited to formulations that require low shrinkage, excellent substrate adhesion, and enhanced surface finish.

APPLICATIONS

CONTROL™ PCE 900 is recommended for use in:

- High-performance non-shrink grouts
- Repair mortars and anchoring compounds
- Self-levelling flooring compounds
- EIFS base and finish coats
- Cementitious waterproofing systems
- Refractory and ceramic binders
- Gypsum-based compounds

KEY FEATURES

- Water reduction exceeding 25%
- Improved strength development and density
- Reduces shrinkage and surface cracking
- Excellent compatibility with cement, gypsum, and mineral fillers
- Long flow retention and working time
- Enhanced adhesion and durability

USAGE GUIDELINES

CONTROL™ PCE 900 should be dry blended with cementitious and filler components. A typical dosage is 0.2–0.3% by total weight of cementitious materials. The optimum rate should be verified through trial mixes and adjusted to suit specific formulation requirements.

PRODUCT SPECIFICATIONS

Parameter	Typical Value / Range
Appearance	White to light pink, free-flowing powder
Moisture Content (%)	≤ 5.0
Bulk Density (g/L)	≥ 450
Loss on Ignition (LOI %)	≥ 86.0
pH (1% solution)	9–11



**LIMITED WARRANTY INFORMATION.
PLEASE READ CAREFULLY.**

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Users are solely responsible for determining the suitability of this product for their specific application and for ensuring compliance with all relevant regulations, industry standards, and intellectual property rights. The product must not be used in violation of any law, statute, or third-party rights.

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This document is subject to revision without notice as new data becomes available.

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PACKAGING

- 25 kg paper bags with PE liner
- 500 kg jumbo bags (supersacks)

STORAGE & SHELF LIFE

Store in original, sealed packaging in a dry area, away from direct sunlight and humidity.
Recommended storage temperature: below 35°C.

Shelf life: 12 months from date of manufacture under suitable conditions.

SAFETY

Refer to the product Safety Data Sheet (SDS) prior to use. Use appropriate PPE and follow standard industrial hygiene practices when handling dry chemical powders.