



SUPER-P®
POWDER CEMENT ADDITIVE

PRODUCT DATA SHEET

SUPER-P® Powder Cement Additive is a new generation of dispersants. Based on polycarboxylate polymer technology, it produces high slump concrete at low dosage with no strength loss. SUPER-P Powder is used to reduce the filtration rate and delay the set of Portland Cement slurries. Super-P is used in water well, minerals exploration, and construction applications. When used in conjunction with Portland Cement, at the recommended concentration, SUPER-P Powder creates a slurry with enhanced flow properties and improved bonding characteristics.

Super-P Powder has a great deflocculation power, and it holds the dispersed state for a longer time than conventional plasticizers. Super-P Powder is recommended for precast concrete applications requiring low water cement ratios.

BENEFITS

- 3 to 6 times more efficient than traditional plasticizers
- Low dosage
- Avoids bleeding phenomenon and segregation effects
- Improves slump retention
- Controls workability
- Faster and better placement
- Greater impermeability
- Increased concrete durability, uniformity, and strengths at all ages
- High early and ultimate concrete strength

SUPER-P POWDER IS A HIGHLY CONCENTRATED SUPERPLASTICIZER

Requires only 1-2 kilo's superplasticizer per 1 ton of concrete

TYPICAL PROPERTIES	
Appearance	yellowish to brown powder
pH (5g/L)	5.5 - 6.5
Ionic Character	Anionic
Charge Density	High
Active Content	<90%
Approx. Bulk Density	0.4-0.5
Hygroscopy	High

RECOMMENDED TREATMENT: Super-P Powder Cement Additive can be used dry (with other dry ingredients or dissolved in water) at a minimum dosage rate from 0.01 to 0.03% by total weight of cementitious material.

ADDITIONAL INFORMATION: SUPER-P Cement Additive is designed to be used with ASTM Type I, API Class A, ASTM Type II, API Class B, ASTM Type III or API Class C Portland Cements.

PACKAGING: Super-P Powder is packaged in 44 lb (20 kg) bags, 30 bags per pallet. All pallets arrive wrapped in orange stretch wrap.

AVAILABILITY: Super-P Powder Cement Additive can be purchased through any MATRIX Construction Products Representative. Orders@matrixcp.com



The information contained herein is believed to be accurate and reliable. MATRIX Construction Products, LLC (MATRIX) accepts no responsibility for the results obtained through application of this product. MATRIX reserves the right to update information without notice. For the most current information see our website matrixcp.com.
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