Creative Enzymes®

Powder High-Range Water Reducer

Cat. No. CEGZ-6380

Lot. No. (See product label)

Introduction

Description	A powdered high-range concrete water reducer based mainly on sodium beta-naphthalene sulfonate-formaldehyde condensate with strengthening components.
Applications	Suitable for roads, bridges, tunnels, ports, industrial and civil construction, and multiple concrete classes using common cement systems.

Product Information

Appearance	Brown powder.
Form	Powder
Composition	Sodium beta-naphthalene sulfonate-formaldehyde condensate with strengthening components.
Quality	Cement paste fluidity: >=220 mm. Sodium sulfate: <=20%. pH: 7-9.
Usage	Dosage: 0.5-1.5%; recommended 0.75-1.0%. Water-reduction rate: 14-25%. Typical strength increases: 1-day 60-80%, 3-day 40-60%, 28-day 20-40%. At comparable slump and strength, cement consumption may be reduced by approximately 10-20%. Conduct trial mixing when first used or when cement type changes. Extend mixing time by at least 30 seconds after addition.

Usage and Packaging

Package	Powder in woven bags with plastic liner.

Storage and Shipping Information

Storage	Store dry. Shelf life in dry condition: 2 years; after expiry, use only after testing confirms suitability.
Shipping Conditions	Transport as dry bagged material and protect from moisture.