

High Performance PCE based Super Plasticizer and Slump Retention Admixture

PRODUCT DESCRIPTION

Our premium range of high-performance concrete admixtures designed to significantly enhance the workability and water reduction properties of concrete work, this advanced admixture combines superior water reduction capabilities with extended setting times, ensuring exceptional results for wide range of construction application. CEMAX G-820 is a versatile admixture that offers superior plasticizing and retention performance, making it ideal for various construction needs.

APPLICATIONS

CEMAX G-820 is ideal for:

Ready-mixed Concrete: Enhances delivery and placement flexibility.

Prestressed Concrete: Provides consistent quality and workability.

Pumping Concrete: Improves pumpability and reduces pressure on equipment.

Hot weather Concreting: Delays setting to prevent premature hardening.

ADVANTAGES

- Good workability retention.
- Low water/cement ratios.
- Provides a smoother and uniform finish
- Suitable for wide range of concrete grade
- Rheology modified low viscosity admixture
- Reduce Creep and Increase Durability.

PROPERTIES

Nature:	Liquid
Appearance:	Brownish liquid
Type:	Super plasticizer and Set Retarding
Class:	ASTM C-494 Type -G , BS EN 934-2
Specific Gravity: (25°C)	1.08 ± 0.02g/cm ³

DOSAGE

Dosage rates vary dependent on mix design, process, Aggregate type and the desired effect but typically: 0.6% - 1.3% by weight of cement (binder). The correct dosage should always be determined by laboratory and batch trials.

STANDARDS

CEMAX G-820 complies with the requirements of BS EN 934-2 and ASTM C-494

STORAGE

CEMAX G-820 should be stored undercover and protected from extreme temperatures, if stored between the range 5°C to 40°C the product will have a minimum shelf life of 12 months.

PACKAGING

20 liters pail, 200 liters drum and 1000 liters IBC tank.