

PLASTOL 6200EXT

EXTENDED WORKABILITY HIGH-RANGE WATER-REDUCING ADMIXTURE

Euclid
Concrete
Admixtures



DESCRIPTION

PLASTOL 6200EXT high-range water-reducing admixture is formulated using advanced polycarboxylate technology, specifically engineered for concrete to provide extended workability retention minimizing the need for jobsite slump adjustments while maintaining consistent air contents from batching to placing of concrete. In addition, Plastol 6200EXT maintains the typical benefits of polycarboxylate technology of high compressive strengths, flexural strength, and excellent setting characteristics. Plastol 6200EXT can be used to reduce the total cement content and used with supplementary cementitious materials. Plastol 6200EXT does not contain added chlorides or chemicals known to promote the corrosion of steel.

PRIMARY APPLICATIONS

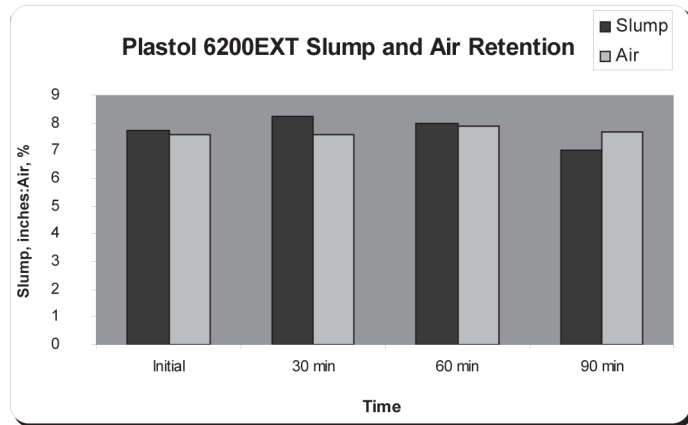
- Ready-mix concrete with maximum water-reduction requirements
- Excellent workability retention without set retardation
- Self-Consolidating Concrete (SCC)
- Low w/c concrete
- High-performance concrete
- Precast/pre-stressed concrete
- Flatwork and mass concrete
- Pervious concrete

FEATURES/BENEFITS

- Provides exceptional workability
- Consistent control of air content
- Higher early and ultimate strengths
- Reduces or eliminates job-site addition of HRWR
- Lowers number of rejected concrete loads
- Aids in concrete placement and reduces labor cost

TECHNICAL INFORMATION

Typical Engineering Data
Cement Type: T-I/II
Cement: 600 lbs
Sand: 1300
Stone: 1800
W/C: 0.43



PACKAGING

Plastol 6200EXT is available in bulk, 275 gal (1041L) totes, 55 gal (208 L) drums, and 5 gal (18.9 L) pails.

SHELF LIFE

6 months in original, unopened container. The shelf life of Plastol 6200EXT can be longer depending on how the product is stored. The product can last longer if it is re-circulated. Please consult a Euclid Sales Professional before using.

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Extended Workability High-Range Water-Reducing Admixture

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SPECIFICATIONS/COMPLIANCES

Plastol 6200EXT admixture currently meets the provisional requirements of ASTM C494/C494M and AASHTO M-194 as Type A & F admixtures.

DIRECTIONS FOR USE

Plastol 6200EXT can be added to the initial batch water or directly on the freshly batched concrete and mixed for approximately 5 minutes or 70 revolutions. However, better results have been observed batching directly on the freshly batched concrete. It should not come into contact with dry cement or other admixtures until mixed thoroughly with the concrete batch.

Standard Dosage: The recommended dosage rate for Plastol 6200EXT is 3-12 oz/100lbs (195 to 780 mL/100 kg) of total cementitious materials.

Extended Slump Retention: Plastol 6200EXT has been specifically designed to provide extended workability for applications where 60-90 minutes of retention is necessary. For these applications dose the Plastol 6200EXT at 5 to 12 fluid oz/100 lbs of cementitious (390 to 650 mL/kg).

For any concrete application including Self-Consolidating Concrete (SCC), the dosage of Plastol 6200EXT will vary depending on the mix design, local materials, and individual needs of the concrete producer. Trial mixes should be run to verify plastic and hardened performance with local materials. If the material gradations are not optimum for SCC, a viscosity modifier may be used to improve the quality of the mix. Please consult a local Euclid Chemical Sales Professional for trial mixtures and dosage recommendations.

Admixture Compatibility: Plastol 6200EXT is compatible with most admixtures including air-entraining agents, accelerators, most water-reducers, retarders, shrinkage reducers, corrosion inhibitors, viscosity modifiers, and microsilica; however, each material should be added to the concrete separately. Please contact a Euclid Sales Professional for any compatibility issues.

PRECAUTIONS / LIMITATIONS

- Care should be taken to maintain Plastol 6200EXT above freezing; however, freezing and subsequent thawing will not harm the material if thoroughly agitated.
- Do not agitate with air.
- Add to concrete mix independent of other admixtures.
- In all cases, consult the Material Safety Data Sheet before use.

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