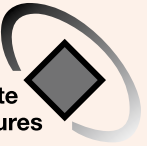


# PLASTOL 6200EXT

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

## 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

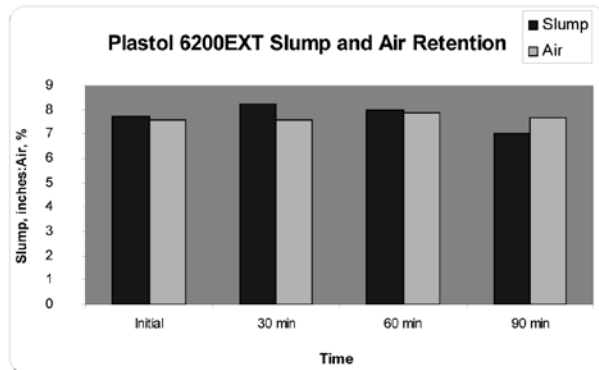
Plastol 6200EXT meets all ASTM C 494 requirements and was tested at 8 oz/cwt (522 ml/100 kg) giving 14-16% water reduction.

The following mix design was used to evaluate slump retention.

Mix Design, lb/yd<sup>3</sup> (kg/m<sup>3</sup>)

### Plastol 6200EXT @ 8 oz/cwt (522 ml/100 kg)

Cement T-I/II	600 (356)
Stone	1300 (771)
Sand	1800 (1067)
W/C	0.43



Results can differ based on mix design and materials used. Please consult your local sales representative for more information.

PLASTOL 6200EXT  
Extended Workability High-Range Water-Reducing Admixture

Master Format #: 03 3000

Revised: 7.09



## The Euclid Chemical Company

19218 Redwood Rd. • Cleveland, OH 44110  
Phone: [216] 531-9222 • Toll-free: [800] 321-7628 • Fax: [216] 531-9596  
www.euclidchemical.com

An **RPM** Company



## 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.

## SPECIFICATIONS/COMPLIANCES

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

## 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.

**WARRANTY:** The Euclid Chemical Company ("Euclid") solely and expressly warrants that its products shall be free from defects in materials and workmanship for one (1) year from the date of purchase. Unless authorized in writing by an officer of Euclid, no other representations or statements made by Euclid or its representatives, in writing or orally, shall alter this warranty. EUCLID MAKES NO WARRANTIES, IMPLIED OR OTHERWISE, AS TO THE MERCHANTABILITY OR FITNESS FOR ORDINARY OR PARTICULAR PURPOSES OF ITS PRODUCTS AND EXCLUDES THE SAME. If any Euclid product fails to conform with this warranty, Euclid will replace the product at no cost to Buyer. Replacement of any product shall be the sole and exclusive remedy available and buyer shall have no claim for incidental or consequential damages. Any warranty claim must be made within one (1) year from the date of the claimed breach. Euclid does not authorize anyone on its behalf to make any written or oral statements which in any way alter Euclid's installation information or instructions in its product literature or on its packaging labels. Any installation of Euclid products which fails to conform with such installation information or instructions shall void this warranty. Product demonstrations, if any, are done for illustrative purposes only and do not constitute a warranty or warranty alteration of any kind. Buyer shall be solely responsible for determining the suitability of Euclid's products for the Buyer's intended purposes.