



# PLASTOL™ 6200EXT

EXTENDED WORKABILITY MID-RANGE/HIGH RANGE WATER REDUCER - SUPERPLASTICIZER **EUCLID CHEMICAL**

## PRODUCT INFORMATION

### PACKAGING

Packaged in bulk, 275 gal (1041 L) totes, 55 gal (208 L) drums, and 5 gal (18.9 L) pails

### SHELF LIFE

1 year in original, unopened container

### SPECIFICATIONS/COMPLIANCES

ASTM C494, Type A & F

ASTM C1017 Type I

AASHTO M194

## DESCRIPTION

Plastol 6200EXT is a high range water reducing admixture formulated using advanced polycarboxylate technology. This admixture is specifically engineered for concrete to provide extended workability retention which minimizes the need for job site 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 with supplementary cementitious materials. Plastol 6200EXT contains no added chlorides or chemicals known to promote the corrosion of steel. It's also compatible with most admixtures however, each material should be added separately.

## PRODUCT CHARACTERISTICS

### FEATURES & BENEFITS

- Reduces Labor
- Allows for cement reduction
- Consistent control of air content
- Improves workability / finishability
- Reduces or eliminates jobsite addition of HRWR
- Greatly improves durability and finished appearance
- Greatly reduces water requirement for better strength
- Reduces segregation, bleeding, cracking and permeability
- Excellent workability retention without extended setting time

### PRIMARY APPLICATIONS

- Pervious concrete
- Ready mix concrete
- High performance concrete
- Flatwork and mass concrete
- Precast / prestressed concrete
- Self Consolidating Concrete (SCC)
- Low water / cement ratio concrete

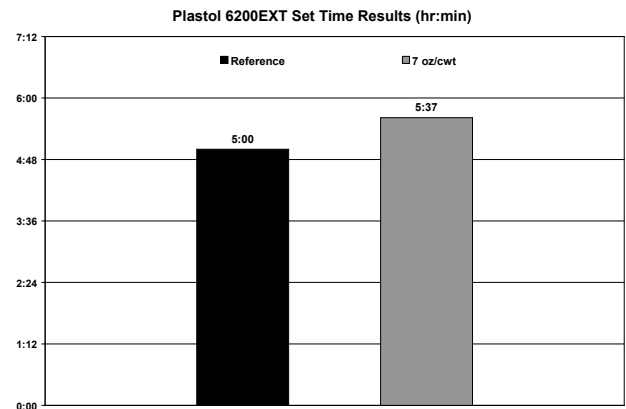
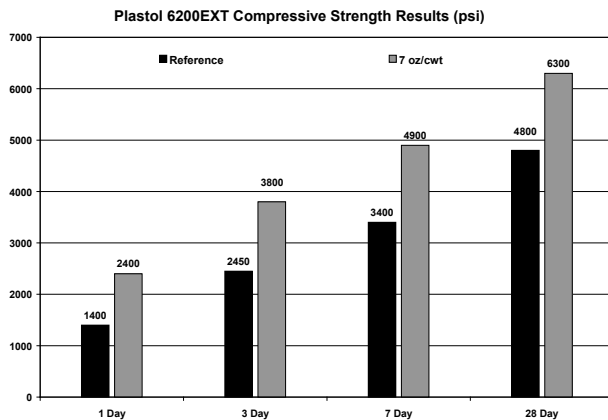
## PRECAUTIONS/LIMITATIONS

- 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 or an air lance.
- Add to mix independent of other admixtures.
- In all cases, consult the Safety Data Sheet before use.

## TECHNICAL INFORMATION

### PERFORMANCE DATA

The following test results were achieved using typical ASTM C494 mix design requirements, 517 lb/yd<sup>3</sup> (307 kg/m<sup>3</sup>) cement content and similar ( $\pm 0.5$ )% air content. These results were obtained under laboratory conditions with materials and mix designs meeting the specifications of ASTM C494. Changes in materials and mix designs can affect the dosage response.

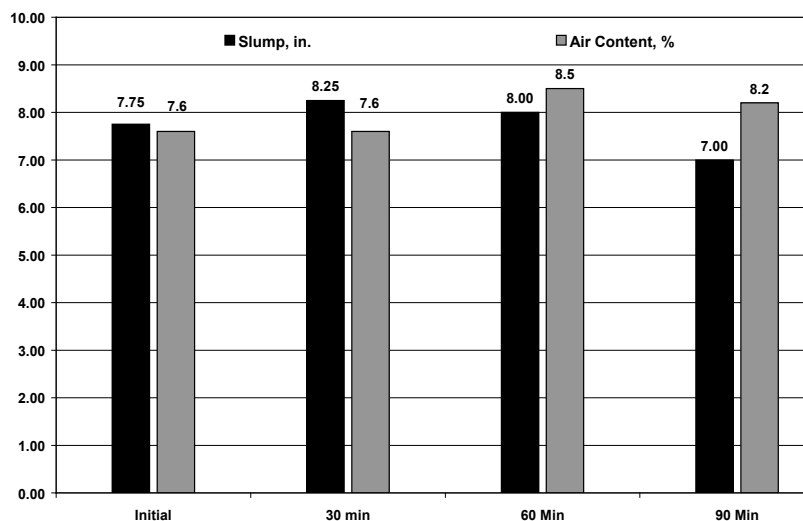


## DIRECTIONS FOR USE

PLASTOL 6200EXT has a recommended dosage range of 3 - 12 oz/100 lbs (200 - 780 mL/100 kg) of cementitious material. Dosage recommendations depend on the characteristics of the materials being used in the mix design. Higher dosages are acceptable with prior testing and confirmation of desired performance. PLASTOL 6200EXT can be added to the initial batch water or directly on the freshly batched concrete and mixed for 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.

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 done 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.

**Plastol 6200EXT Slump and Air Retention**  
@ 7oz/cwt with 600 lb Cement



Rev. 03.21

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