



PLASTOL 6200EXT

EXTENDED WORKABILITY HIGH RANGE WATER REDUCING ADMIXTURE

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 used with supplementary cementitious materials. PLASTOL 6200EXT contains no 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 water/cement ratio concrete
- High-performance concrete
- Precast / prestressed concrete
- Flatwork and mass concrete
- Pervious concrete

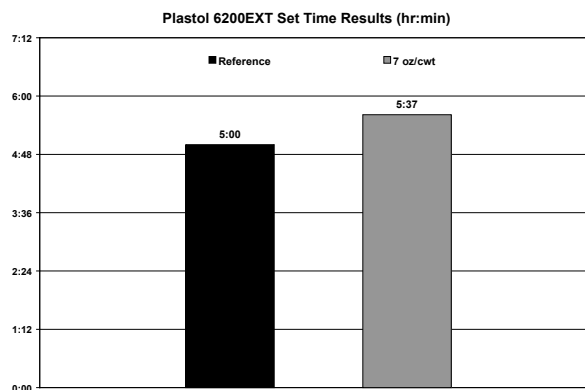
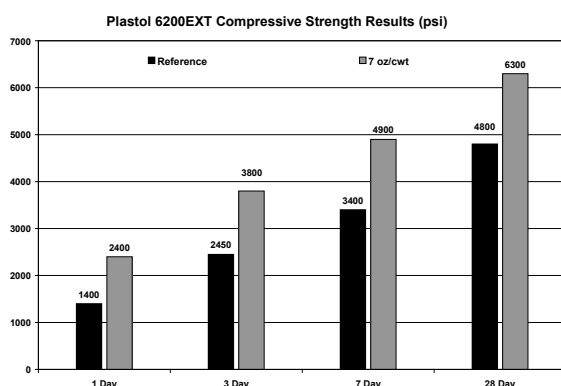
FEATURES/BENEFITS

- 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

Performance Data:

The following test results were achieved using typical ASTM C 494 mix design requirements, 517 lb/yd³ (307 kg/m³) cement content and similar (± 0.5)% air content. These results were obtained under laboratory conditions with materials and mix designs meeting the specifications of ASTM C 494. Changes in materials and mix designs can affect the dosage response of PLASTOL 6200EXT.



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

1 year in original, unopened container

SPECIFICATIONS/COMPLIANCES

PLASTOL 6200EXT admixture fully complies with the requirements of:

- ASTM C 494/C 494M
- AASHTO M 194 Type A & F admixture
- ASTM C 1017 as a Type I admixture

DIRECTIONS FOR USE

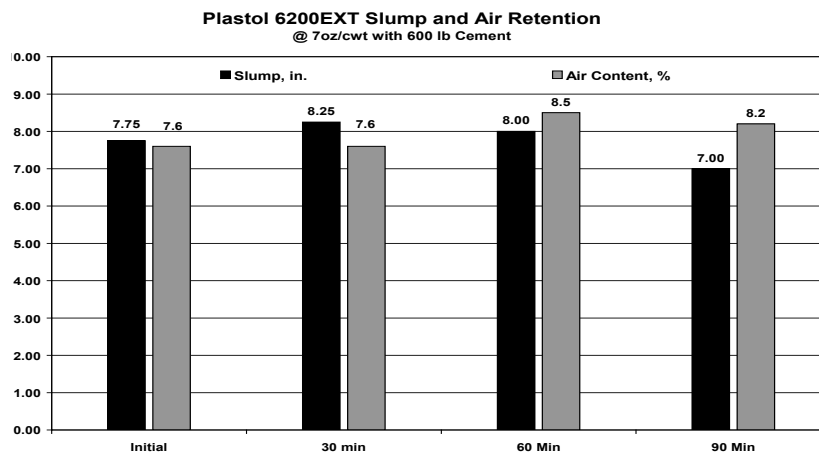
PLASTOL 6200EXT has a recommended dosage range of 3 to 12 oz per 100 lbs (200 to 780 mL per 100 kg) of cementitious material.

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 the desired performance with specific materials used.

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.

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.

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.



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. Never agitate with air or an air lance.
- If re-dosing PLASTOL 6200EXT at the job site, it is recommended that the air content is checked to conform to job specifications.
- In all cases, consult the Safety Data Sheet before use.

Rev. 08.19

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