



EUCLID CHEMICAL

## EXTENDED WORKABILITY HIGH-RANGE WATER REDUCING ADMIXTURE

# PLASTOL 6200EXT



### PRIMARY APPLICATIONS

- Ready mix concrete for maximum water reduction
- Excellent workability retention without set retardation
- Self-Consolidating Concrete (SCC)
- Low w/c concrete
- High performance concrete
- Precast/prestressed concrete
- Flatwork and mass concrete
- Pervious concrete
- For stable air and durable high flow concrete

### FEATURES AND BENEFITS

- Excellent slump retention
- Improves finishability
- Improves workability
- No effect to setting times
- Improved air consistency
- Increases early and late age compressive strengths
- Reduces cracking
- Increases durability
- Lowers the number of rejected loads, saving time and money

### WHAT IS PLASTOL 6200EXT?

PLASTOL 6200EXT is a high-range, high solids content polycarboxylate admixture for reduced water and extended workability. One of Euclid Chemical's most unique and advanced high range water reducers, it has many useful benefits for the ready mix and precast industries. It can aid in creating high performance concrete, SCC and pervious concrete mixtures. PLASTOL 6200EXT can be added into initial batch water or on freshly batched concrete, and meets the requirements set forth by ASTM C494 Types A and F.

### FEATURES/BENEFITS TO THE CUSTOMER AND LABORERS

- Aids in concrete placement and reduces labor cost
- Allows the producer to be flexible in adjusting slump retention according to environmental conditions, raw materials, temperature, job specifications and transportation time
- Controlling the slump/flow of concrete, from batching to placement
- Increased time range of concrete delivery for ready mix producers, allowing them to further expand their business
- No added water required for slump adjustments
- Provides ready mix producers with a cost-effective way to keep consistency between concrete loads with regards to workability, slump and air content



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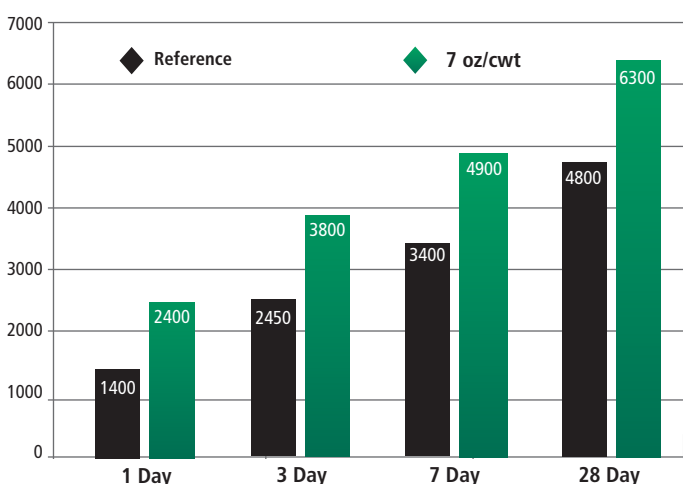
## PERFORMANCE FACTS

- Significantly increased early and late age strength, compared to reference mix
- Extended workability with no effect on the set time
- Stable air throughout testing period
- Controlled and extended slump for 90 to 120 minutes

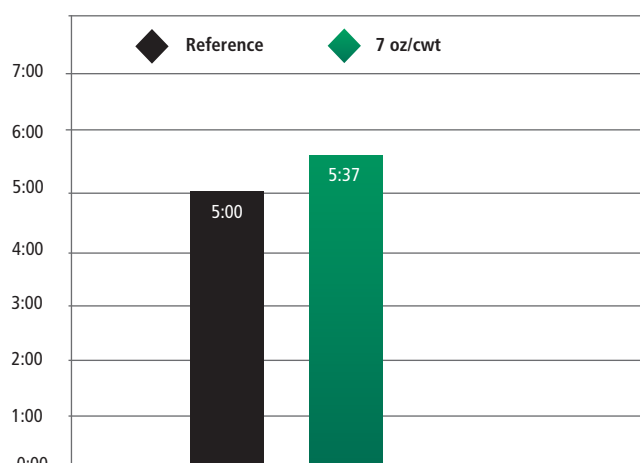
## PERFORMANCE DATA

PLASTOL 6200EXT can be used at multiple dosages to meet a wide range of slump/workability retention requirements. 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 Types A and F. Changes in materials and mix designs can effect the dosage response of PLASTOL 6200EXT.

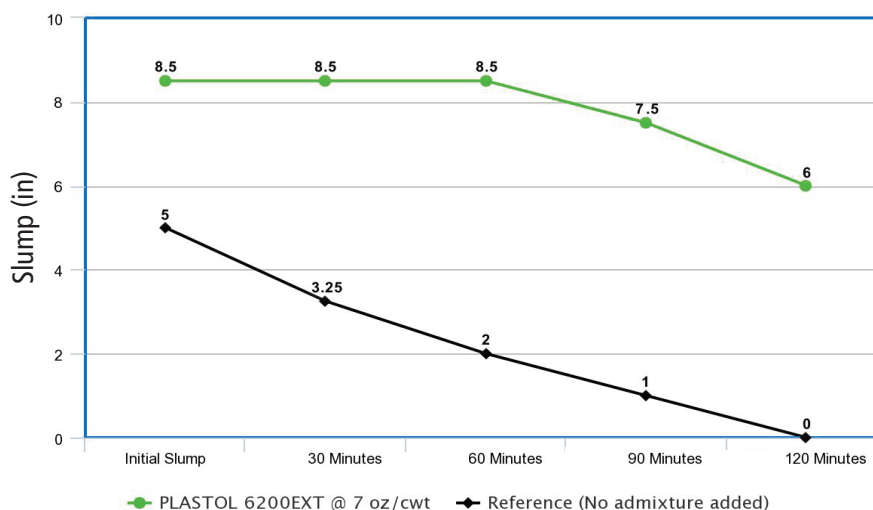
**PLASTOL 6200EXT Compressive Strength Data (psi)**



**PLASTOL 6200EXT Set Time Results (hr:min)**



**Concrete Slump vs. Time with 600 lbs/yd<sup>3</sup> (356 kg/m<sup>3</sup>) Cement Content**



For more than 100 years, The Euclid Chemical Company has served as a leading supplier to the concrete and masonry industry, offering a full line of engineered concrete admixture and construction products marketed under the EUCLID brand name. These products include concrete admixtures, block and masonry additives, curing and sealing compounds, epoxy adhesives, floor and wall coatings, structural grouts for columns, equipment and machinery, joint fillers and repair products. The Euclid Chemical Company strives to bring innovative technologies and products to the concrete market with industry-leading customer service.