



THE EUCLID CHEMICAL COMPANY

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PLASTOL 5000

High Range Water Reducing Admixture

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PLASTOL 5000 is a ready to use high range water-reducing admixture for concrete. PLASTOL 5000 increases early concrete strength as well as ultimate strength. PLASTOL 5000 can be used to produce increased concrete slump or to significantly reduce water demand for a specific slump. PLASTOL 5000 can be added at the plant or jobsite and is compatible with other admixtures. PLASTOL 5000 contains no added chlorides.

PRIMARY APPLICATIONS

- High performance concrete
- Self-compacting concrete
- Precast concrete
- Low water/cement ratio concrete
- High early strength applications

FEATURES/BENEFITS

- Low water/cement ratio reduces water demand
- Self-compacting concrete reduces labor costs
- High early strength reduces energy costs
- Controlled setting times reduces labor costs

SPECIFICATIONS/COMPLIANCES

- Fully complies with the requirements of ASTM C-494, Type F admixture and AASHTO M-194 Type F admixture.

PACKAGING

PLASTOL 5000 is packaged in bulk, 275 gal (1041 liter) totes, 55 gal (208 liter) drums and 5 gal (18.9 liter) pails.

Storage: Agitate before use

Shelf life: 2 years in original, unopened package.

TECHNICAL INFORMATION

Typical Engineering Data

The following results were developed under laboratory conditions.

Compressive Strength (psi)

	Control Mix	PLASTOL 5000
1 day	1720	2610
3 days	3070	4260
7 days	3660	5420
28 days	4640	6200
6 months	5570	7560
1 year	5880	8010

Flexural Strength (psi)

	Control Mix	PLASTOL 5000
3 days	475	665
7 days	585	730
28 days	630	790

Time of Set

	Control Mix	PLASTOL 5000
Initial Set	4:49	4:30
Final Set	6:19	5:54

Relative Durability Factor

101.9%

DIRECTIONS FOR USE

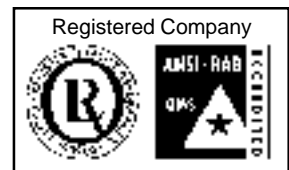
Dosage - PLASTOL 5000 can be used at dosage rates of 3 to 15 oz. per 100 pounds of cementitious material. Contact your local Euclid Chemical representative for recommendations.

Mixing - After the addition of PLASTOL 5000, the concrete should be mixed for a minimum of five minutes.

Storage and Handling - PLASTOL 5000 should be stored at temperatures above 32°F. PLASTOL 5000 should be agitated before use.

Compatibility - PLASTOL 5000 can be used with most other concrete admixtures. Contact your Euclid Chemical representative for recommendations.

Precautions - Add to concrete independent of other concrete admixtures. Keep PLASTOL 5000 from freezing.



Form Plastol 5000 9.01

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