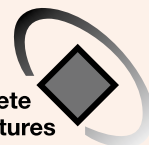


# PLASTOL 5700

## HIGH RANGE WATER REDUCING ADMIXTURE

Euclid  
Concrete  
Admixtures



### DESCRIPTION

**PLASTOL 5700** is a ready to use high range water reducing admixture for concrete specifically engineered to provide maximum water reduction, slump flow, and high strengths in precast concrete applications. **PLASTOL 5700** is capable of reducing water demand by up to 40%. Use in high performance concrete applications or self-consolidating concrete. **PLASTOL 5700** does not contain any added chlorides or chemicals known to promote corrosion of steel.

### PRIMARY APPLICATIONS

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

### FEATURES/BENEFITS

- Improved appearance with SCC mixes
- Higher strengths at all ages
- Maximized efficiency for slump or flow increase
- Reduced discharge time in forms
- Enables cement reduction
- Efficient use of labor, materials and equipment

### TECHNICAL INFORMATION

#### Typical Engineering Data

The following results were developed under laboratory conditions. This data reflects ASTM C-494 Type F performance with 517 lbs cement per cubic yard (307 kilogram per cubic meter).

#### Flexural Strength: psi (Mpa)

	Control Mix	PLASTOL 5700
3 days	516 (3.6)	734 (5.1)
7 days	645 (4.4)	850 (5.9)

#### Compressive Strength: psi (Mpa)

	Control Mix	PLASTOL 5700
1 day	1225 (8.4)	2313 (15.9)
3 day	2620 (18.1)	4560 (31.4)

#### Time of Set

	Control Mix	PLASTOL 5700
Initial Set	5:03	4:37
Final Set	7:09	6:17

### PACKAGING

**PLASTOL 5700** is 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

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

### DIRECTIONS FOR USE

**PLASTOL 5700** should be added to the sand or water. It should not come into contact with dry cement or other admixtures until mixed thoroughly with the concrete batch.

**For High Performance Concrete:** Typical doses of **PLASTOL 5700** is 2 to 6 oz/100 lbs of cementitious (130 to 391 mls/100 kg).

**For Self-Consolidating Concrete:** Dosages of **PLASTOL 5700** will vary depending on desired plastic properties of the SCC application and performance of local materials. Typical doses of **PLASTOL 5700** are 6 to 10 oz/100lbs of cementitious (391 to 652 mls/100 kg). For best results, add **PLASTOL 5700** immediately after the mix has "wetted out". Re-tempering with this superplasticizer will not negatively impact hardened properties.

PLASTOL 5700  
High Range Water Reducing Admixture

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An **RPM** Company



## PRECAUTIONS / LIMITATIONS

- Care should be taken to maintain **PLASTOL 5700** above freezing.
- If frozen, material may **not** reconstituted. Please see a Euclid sales professional before using.
- 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.