PLASTOL 341
Mid/High Range - Water Reducing Admixture

**Description**

PLASTOL 341 is a mid/high range water reducing and plasticizing polycarboxylate based admixture for concrete. PLASTOL 341 shows improved finishing characteristics when compared to other commonly used Type A (typically 5 - 6% water reduction) or Type F (typically 12 - 15% water reduction) admixtures. This mid range approach to water reducing admixtures allows for a wide range of usable dosage rates for a broad application spectrum. PLASTOL 341 contains no added chlorides or chemicals known to promote the corrosion of steel.

**Primary Applications**

- Ready mix concrete
- Precast concrete
- Cast in place
- Self-consolidating concrete
- Concrete mixtures utilizing Fly Ash, Slag or other natural pozzolans

**Features/Benefits**

**Plastic Concrete**
- Improves finishability
- Improves workability
- Reduces water requirement
- Improves setting times
- Superior slump retention

**Hardened Concrete**
- Increases early and late age strengths
- Reduces permeability
- Increases durability

**Technical Information**

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 341.

![Plastol 341 Compressive Strength Data](image)

![Plastol 341 Set Time Results](image)
PACKAGING

PLASTOL 341 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

PLASTOL 341 meets or exceeds the requirements of:
• ASTM C 494, Type A and Type F
• AASHTO M 194
• ANSI/NSF STD 61 registered

DIRECTIONS FOR USE

PLASTOL 341 has a recommended dosage range of 2 to 10 oz per 100 lbs (130 to 650 mL per 100 kg) of cementitious material.

PLASTOL 341 should be added to the initial batch water when possible. It should not come in contact with dry cement or other admixtures until they are mixed with the concrete batch. Field testing is strongly recommended to optimize dosage range and performance expectations with local materials.

PLASTOL 341 is compatible with other Euclid Chemical 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 341 above freezing.
• Never agitate with air.
• Add to concrete mix independent of other admixtures.
• In all cases, consult the Safety Data Sheet before use.

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