# PLASTOL 3630

**HIGH RANGE WATER REDUCING ADMIXTURE** 



# DESCRIPTION

PLASTOL 3630 is a polycarboxylate plasticising admixture manufactured with state of the art chemistries developed for the production of high performance concrete / high strength concrete. Plastol 3630 shows improved finishing characteristics when compared to other commonly used admixtures. Plastol 3630 doesn't contain Calcium Chloride.

# **PRIMARY APPLICATIONS**

- Cast in Place
- Ready mix Concrete
- Flowable Concrete

# **FEATURES/BENEFITS**

#### **Plastic Concrete**

- Improves finishability
- Improves workability
- Reduces water requirement
- Improves setting times
- Excellent slump retention

Concrete mixtures utilizing Fly Ash, Slag or other

#### Hardened Concrete

Increases all strength

natural pozzolans

SCC Concrete

- **Reduces** permeability
- Increases durability
- Improves finished appearance
- Achieve high early strength

### **TECHNICAL INFORMATION**

#### **Performance Data:**

PROPERTY	VALUE
Physical State	Straw yellow to light brown color liquid
Base Material	Polycarboxylate
Specific Gravity	1.110 ± 0.02 @ 27°C
рН	Minimum 6
Chloride Content	< 0.2 %

Compatible with all cement types like OPC, OPC+Fly ash, PSC etc.,

# **PACKAGING / YIELD**

PLASTOL 3630 is packaged in 220 Kg HDPE Barrel.

### SHELF LIFE

1 Year in original, unopened container.

# COVERAGE

#### Confirms the requirements of

- IS9103/2007
- ASTM C 494, Type G
- AASHTOM 194

Rev.01, 04/20

# **DIRECTIONS FOR USE**

- Normal dosage range is 200 ml 600 ml / 50 kg of cement.
- However the optimum dosage is determined by site trials.
- Plastol 3630 should be added to initial batch water of the concrete mixture
- Do not dispense on to dry cement.
- Over dosing leads to retardation of setting times of concrete, Mix may seggregate and bleeding of concrete.

# **PRECAUTIONS/LIMITATIONS**

- Care should be taken to maintain PLASTOL 3630 above freezing; however, freezing and subsequent thawing will not harm the material if thoroughly agitated. Never agitate with air or an air lance.
- In all cases, refer the Safety Data Sheet before use.



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