



1.01 FAST PLAST 301

Normal-Setting Admixture for Water Reducing

PRODUCT DESCRIPTION

Fast Plast 301 is water reducing normal set admixture for concrete based upon purified lignosulfonates. Fast Plast 301 provides a more plastic concrete, greater impermeability, reduced shrinkage, and higher compressive strengths in your concrete. Fast Plast 301 is specially formulated to optimize the performance of slip form paving concrete.

BENEFITS

- Superior performance in slip form paving
- Increased workability and easier place ability
- Reduced shrinkage and cracking
- Greater impermeability.
- Increased concrete durability and uniformity.
- Increased strength at all ages.

RECOMMENDATIONS

Since Fast Plast 301 is calcium chloride free, it is recommended for use in all types of concrete.

DOSAGE

The recommended dosage range for Fast Plast 301 is 0.4 to 0.8 liters per 100 kg of cementitious materials. It is suggested that trial mixes be conducted in order to determine the required dosage for optimum performance with your concrete components.

DIRECTIONS FOR USE

Fast Plast 301 can be dispensed into any of the concrete materials, except cement, but

preferably into the water. Fast Plast 301 is compatible with other admixtures; however, each admixture should be added to the mix separately.

Fast Plast 301 should be kept from freezing. If accidentally frozen, its properties can be restored by thawing and thoroughly remixing.

APPLICABLE STANDARDS

Fast Plast 301 meets or exceeds the requirements of ASTM C 494, Type A.

CHARACTERISTICS

- Density: 1.140@20°C(+.005 @ 20°C)
- Appearance: Dark Brown Liquid
- Chlorides: Nil
- Air Percentage: Less than 2% but additional air may be entrained at normal dosage
- Alkali content: Typically less than 5.0 g. Na₂O equivalent/liter of admixture.

PACKAGING

Fast Plast 301 is supplied in 55-gallon (210L) drums, 275- gallon (1000L) totes or bulk delivery.

TECHNICAL SERVICE

A trained FastChem representative is available to assist in the preparation of specifications, and the resolution of concrete problems in the field.

WARRANTY

This product is warranted to be free of defects in material and workmanship, and conform to FastChem Construction Chemicals ("FastChem") quality control standards.

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