



Axim Italcementi Group

CATEXOL™ 3000 GP Mid-Range Water-Reducing Admixture for Concrete

Product Description

CATEXOL 3000 GP is a new generation midrange water-reducing admixture formulated to increase water reduction and compressive strengths. Normal concrete setting characteristics are obtained at recommended dosage range.

Benefits

- Superior finishing characteristics.
- Easier and faster pumping of concrete.
- Reduced concrete shrinkage and cracking.
- Increased compressive and flexural strengths.
- Reduced permeability.
- Extended slump retention.
- Improved appearance of architectural concrete.
- Increased strength at all ages.

Recommendations

CATEXOL 3000 GP contains no calcium chlorides. CATEXOL 3000 GP can be used in all types of concrete including plain, reinforced, extruded, precast and prestressed concretes. CATEXOL 3000 GP is especially effective in concrete containing such pozzolanic materials as fly ash, silica fume and slag.

Dosage

The recommended dosage range for CATEXOL 3000 GP is 2.0 to 12.0 ounces per 100 lbs. (130 to 780 ml per 100kg) of cementitious material as an ASTM C 494, Type A admixture. If maximum water reduction is required, dosage rates up to 20.0 ounces per 100 lbs. (1300 ml per 100kg) of cementitious may be used.

Dosage rates vary depending upon the amount of plasticity and/or water reduction desired. Various concrete materials, slump, ambient air temperature, additions of pozzolanic materials, mixing time, and type and brand of cement will affect dosage rates.

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

CATEXOL 3000 GP can be dispensed into any of the concrete materials except cement, slag or fly ash. Preferably, CATEXOL 3000 GP is dispensed into the water.

Combining CATEXOL 3000 GP with any other admixture containing Naphthalene Sulfonates such as CATEXOL 1000 SP-MN, may result in a rapid slump loss. Mixing and transporting equipments should be thoroughly washed between subsequent batches of concrete containing Naphthalene Sulfonates and CATEXOL 3000 GP.

CATEXOL 3000 GP is compatible with other Axim admixtures. However, each admixture should be added separately to the mix.

Applicable Standards

CATEXOL 3000 GP meets or exceeds the requirements of ASTM C 494, Type A; and AASHTO M 194, Type A.

Storage

CATEXOL 3000 GP should be kept above -5°C (23°F). If product drops below -5°C (23°F), DO NOT USE and immediately contact our Technical Department.

Health and Safety

Refer to the MSDS for additional health and safety information.

Packaging

CATEXOL 3000 GP is supplied in either 55-gallon (200L) drums, 265-gallon (1000L) totes or bulk delivery.

Technical Service

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



Warranty

Axim warrants its products to be free of manufacturing defects and that they will meet Axim's current published physical properties when applied in accordance with Axim's directions and tested in accordance with ASTM and Axim standards. Axim makes no warranty or guarantee, express or implied, including warranties of fitness for a particular purpose or merchantability, respecting its products, and Axim shall have no other liability with respect thereto.

Any claim regarding product defect must be received in writing within one (1) year from the date of shipment. No claim will be considered without such written notice or after the specified time interval. User shall determine the suitability of the products for the intended use and assume all risks and liability in connection therewith.



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