

Super plasticizer additive for concrete self-compacting concrete in the precast industry

## DEFINITION

PRECON PF300, self-compacting high performance used for obtaining concrete, modified substituted polycarboxylic ether composed of polymer new generation Concrete additives.

## STANDARDS

ASTM C-494 Type F, C; TS EN 934-2 tables 3.1, 3.2, 7

## USAGE AREAS

- \* production of prefabricated and precast concrete.
- \* in manufacturing concrete pipes.
- \* During the winter months the desired early strength concrete.
- \* Construction of concrete pouring.

## FEATURES

- \*The low water / cement ratio with self-compacting high quality concrete is obtained.
- \* reduce water demand in concrete. (Water cut 30 - 40%)
- \* it does not contain chlorine.
- \* make impermeable concrete.
- \* Weathering the bleeding that we have high range water reducing flowable precast used in the production of concrete elements.
- \* homogeneous and cohesive concrete.
- \* Concrete increases resistance to aggressive chemicals.
- \* Provides excellent surface appearance.
- \* particularly high early strength concrete is obtained.
- \* production of prefabricated concrete casting, compression and Reduce the curing time.
- \* Increase the efficiency of production.
- \* Mixtures suitable for In particular, prefabricated sector or tap (slump unprotected) ready-mixed concrete and construction sector

## HARMONY

PRECON PF300, in conjunction with the following substances suitable;

- \* ASTM standards in Portland and all eligible Other types of cement.
  - \* Silica fume, fly ash, slag.
  - \* fiber and steel wire reinforcement.
- test before using in conjunction with other concrete additives

Make and consult our technical service.

## RESISTANCE

When used for a concrete contribution compared PRECON PF300 use of water in the concrete / cement ratio reduction resulted in concrete early and final (1-28 days) It causes an increase in strength.

## DOSAGE

The average weight of cement, 0.6% - 1.8%

\* fly ash in concrete, slag, micro-silica, and fine aggregate It affects the amount of use crushed sand contribution rate.

PRECON PF300 theless sensitivity to concrete components according to the contribution shows

\* Contribute use dosage, concrete class and according to the specifications It shall be determined by tests to be performed in advance.

## USE

\* Contribute, we disagree with the final mixing water to the concrete mix then (mixture after use 70% of water) a homogeneous mixture and to obtain the desired workability Stir until thoroughly.

\* water reduction and plasticizing effect reduction aggregate and cement to dry on the cause contribution must not be added.

## MACHINABILITY

PRECON PF300 subsequent processability of the use time, the dosage of the cement type and dosage, And ambient temperature depends on the aggregate used.

Workability loss takes place gradually and that value attempts should be made to determine the field. It happens quite fast slump loss in concrete is typically a prefabricated contribution

## SAFETY AND SECURITY

Contribution of the skin and eye contact should be avoided, plenty of water to be washed. Just a few cups of water if swallowed drink and seek medical advice. plenty of water in contact with the eyes

Wash with medical help should be taken.

It should be used During use gloves, masks and goggles

## PACKAGING AND STORAGE

220 kg drum, 1000 kg IBC spill.

In the original packaging, to + 5°C / + 25°C dry, protected and In ventilated environments, direct sunlight and frost shelf life when stored is maintained for more than 1 year.