

Corromix PC 730

Superplasticizer – high range water reducer

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Product Features

Corromix PC 730 is a new generation superplasticizer – high range water reducer, based on modified polycarboxylate.

Corromix PC 730 is especially recommended for concrete requiring high early age and long term strengths, whilst maintaining the workability.

It produces high quality pumpable concrete.

The mechanical strength of flowing concrete is not changed when using **Corromix PC 730**.

Benefits

- Dramatically increases early compressive and flexural strengths without detriment to ultimate strengths
- Enhances the workability retention of concrete in hot climates.
- The dispersion properties of **Corromix PC 730** allow the user to optimise the cement content when a specified mechanical strength is required.
- As the particles are highly dispersed, the hydration of the binder is enhanced, resulting in a substantial water reduction and an increase in both early age and ultimate compressive strength of over 30%.

Areas of application

Corromix PC 730 is recommended for all concrete mixes where water content, improved cementitious material performance, high workability retention and high strengths characteristics are desirable.

1. All types of cement
2. Heavy prefabrication
3. High performance concrete
4. Pre-stressed concrete
5. Ready-mix concrete
6. Concrete of humid, plastic or fluid consistency
7. Heavy precast concrete
8. Compatible with Micro silica, GGBS and Fly Ash.

Description

Corromix PC 730 is a chemically stable liquid.

1. Nature : liquid
2. Colour : Brownish
3. Density : 1.03 ± 0.020
4. pH : 5.0 ± 2

Corromix PC 730 does not contain any purposely added calcium chloride or other chloride based components. It will not

promote or contribute to corrosion of reinforcing steel in concrete.

Packaging

- Bulk
- IBC: 1000 L

Standard specifications

Corromix PC 730 conforms to ASTM C 494 Type A, E and F and BS EN 934-2.

Directions for use

Dosage

Between 0.5 and 3.0 kg per 100 kg of cement. A 1.0 % dosage of the product to the weight of cement is commonly used.

Corromix PC 730 is completely miscible in water. It can be added to part or all of the mixing water depending on the required plasticity. The correct quantity of **Corromix PC 730** should be measured using a recommended dispenser.

To make high workability concrete, best results are obtained when **Corromix PC 730** is added directly into the mixer.

Because local climate conditions vary, please contact your local Corrotech sales representative for further assistance if using outside recommended dosage ranges.

Compatibility

Corromix PC 730 is compatible with all types of Portland cement, class C and F fly ash, slag, micro silica, calcium chloride, fibers and approved air entraining admixtures.

Precaution

- Protect from frost. Use **Corromix PC 730** at a temperature above 10°C.
- Should the product freeze, its properties can be recovered after thawing and agitating thoroughly.
- This product must be stored in plastic containers. Avoid the use of PVC containers.
- Shelf life: 12 months.

Safety

Corromix PC 730 is not considered dangerous to handle. Please refer to the material safety data sheet for additional information.