

## Corromix PC 720

### Superplasticizer – high range water reducer

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#### Product Features

**Corromix PC 720** is a new generation superplasticizer – high range water reducer, based on modified polycarboxylate.

**Corromix PC 720** is especially recommended for concrete requiring high early age and long term strengths, whilst maintaining the workability.

**Corromix PC 720** enables the production of concrete with very low W/C ratios.

**Corromix PC 720** enables the production of self-levelling concrete.

#### Benefits

- Dramatically increases early compressive and flexural strengths without detriment to ultimate strengths.
- The dispersion properties of **Corromix PC 720** allow the user to optimise the cement content when a specified mechanical strength is required.
- Thanks to its short term performances, **Corromix PC 720** allow whether to reduce the time before demolding or to save energy by decreasing temperature or time of steam curing.

#### Areas of application

**Corromix PC 720** is recommended for all concrete mixes where water content, improved cementitious material performance (more psi/lb) accelerated set times, reduced curing costs and very high early strengths characteristics are desirable.

**Corromix PC 720** is especially adapted for any concrete application requiring increased early compressive or flexural strengths without detriment to ultimate strengths.

1. All types of cement
2. Heavy prefabrication
3. High performance concrete, ultra high performance concrete
4. Pre-stressed concrete
5. Precast concrete
6. Concrete of humid, plastic or fluid consistency
7. Self-levelling concrete
8. High strength concrete with workability retention

#### Description

**Corromix PC 710** is a chemically stable liquid.

1. Nature : liquid
2. Colour : Brownish
3. Density : 1.06 ± 0.02
4. pH : 6 ± 2

5. Cl<sup>-</sup> ion content : nil

**Corromix PC 720** 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 720** conforms to ASTM C 494 Type A, E and F and BS EN 934-2.

#### Directions for use

##### Dosage

Between 0.3 and 3.00 kg per 100 kg of cement. A 0.8 % dosage of the product to the weight of cement is commonly used.

**Corromix PC 720** can be added to the water before mixing the concrete. However, if needed it can be added to the concrete after mixing.

Dosage rates of **Corromix PC 720** are dependent upon desired concrete performance characteristics and variables including cement quantity and chemistry, concrete temperature and curing conditions.

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

#### Compatibility

**Corromix PC 720** is compatible with all types of Portland cement, class C and F fly ash, slag, microsilica, calcium chloride, fibers and approved air entraining admixtures.

#### Precaution

- Protect from frost. Use **Corromix PC 720** 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.

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### Safety

**Corromix PC 720** is not considered dangerous to handle. Please refer to the material safety data sheet for additional information.