

## Corromix 200

### Corrotech Construction Chemicals concrete admixtures

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#### Product Features

**Corromix 200** slows down the hydration of cement by momentarily blocking the surface of the cement particles. At the end of setting, the concrete hardens rapidly and high compressive strength is obtained after 28 days.

**Corromix 200** has no surface tension effects. Its use in concrete modifies in no way the consistency of concrete.

**Corromix 200** can be used simultaneously with high range water reducing superplasticizers.

#### Areas of application

**Corromix 600** is recommended for all concrete mixes where water content, improved cementitious material performance, high workability retention and very high strengths characteristics are desirable.

1. All types of cement.
2. Ready-mix concrete with stable workability.
3. Concrete of humid or plastic consistency.
4. Pumped concrete.
5. Cold joints prevention.
6. Heavy prefabricated elements.

#### Description

**Corromix 200** is a chemically stable liquid.

1. Nature : liquid
2. Colour : Colourless
3. Density :  $1.16 \pm 0.020$
4. pH :  $7 \pm 2$

**Corromix 200** 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

– IBC : 1000 L

#### Standard specifications

**Corromix 200** conforms to ASTM C 494 Type B and BS-EN 934-2.

#### Directions for use

##### Dosage

Between 0.1 and 0.5 kg per 100 kg of cement.

A 0.125% dosage of the product to the weight of cement is commonly used.

**Corromix 200** is completely miscible in water. It can be added to part or all of the mixing water depending on the required plasticity. The retarding effect of **Corromix 200** is proportional to the dosage used.

The optimum dosage of **Corromix 200** can only be established after trial tests, taking into account local conditions, materials and specification requirements.

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

#### Compatibility

**Corromix 200** 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

Store away from frost. Use **Corromix 200** at a temperature superior to 0°C.

Should the product freeze, its properties can be recovered after thawing and agitating thoroughly.

This product must be stored in plastic containers, but not in PVC.

Shelf life: 18 months.

#### Safety

**Corromix 200** is not considered dangerous to handle. Please refer to the material safety data sheet for additional information.