

Corromix 600

Corrotech Construction Chemicals concrete admixtures

Reference No.	TDS / ADMIX / 600
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Product Features

Corromix 600 contains organic polymers which react with free lime produced during normal hydration to produce a hydrophobic material. **Corromix 600** is supplied as a low viscosity colourless liquid that instantly disperses in water.

Corromix 600 is chloride, bituminous and ammonia free. **Corromix 600** is compatible with all **Corromix** ranges of superplasticizers.

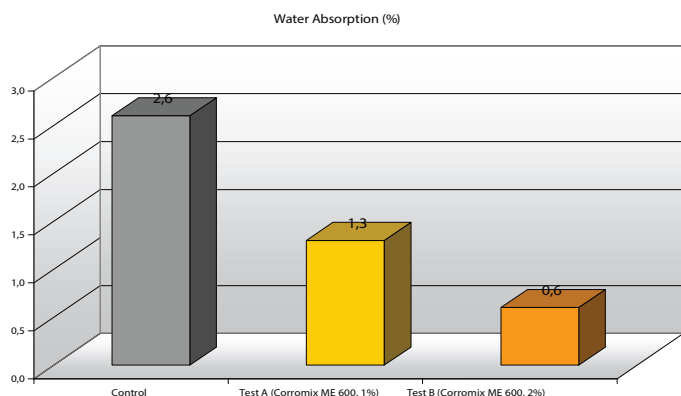
Benefits

- Use of **Corromix** ranges will significantly reduce water absorption and chloride ion ingress.
- Integral waterproofing even if surfaces are damaged.
- Low environmental impact.
- Suitable with all cement types: OPC, SRC and cement replacement materials GGBS, PFA, SFA and microsilica.

Areas of application

Corromix 600 is recommended for all concrete mixes where low water absorption and penetration is required, for highdurability concrete.

1. Structural concrete.
2. Precast concrete.
3. Piling.
4. Coastal and marine structures.
5. Sub-surface concrete.
6. Water retaining concrete.
7. Water treatment works.
8. Desalination plants



Description

Corromix 600 is a chemically stable liquid.

1. Nature : liquid
2. Colour : Colourless
3. Density : 1.040 ± 0.020
4. pH : 10 ± 2

Corromix 600 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 600 conforms to BS-EN 934-2

Directions for use

Dosage

Between 1.5 and 2.0 kg per 100 kg of cement.

A 1.8 % dosage of the product to the weight of cement is commonly used.

Corromix 600 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 600** should be measured using a recommended dispenser.

The optimum dosage of **Corromix 600** 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 600 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.

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Precaution

Store away from frost. Use **Corromix 600** at a temperature superior to 0°C.

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

Spillage of **Corromix 600** should be absorbed onto sand earth or vermiculite and disposed through authorised waste management companies. Remnants can be hosed down with large volumes of water.

Shelf life: 12 months.

Corromix 600 is compatible with other Corrotech admixtures when used in the same concrete mix, but should be added to the mix separately and must not be mixed together prior to addition.

Safety

Corromix 600 is not considered dangerous to handle. Please refer to the material safety data sheet for additional information.