



CC MG42

Cold Weather Concrete Admixture

DESCRIPTION

CC MG42 is a multi-component concrete additive in liquid form for producing high quality concrete at very low temperatures. CC MG42 is chloride free.

APPLICATIONS

CC MG42 is recommended for use in conditions such as:

- Concrete casting at low temperatures.
- Expected overnight frost.
- Early concrete strength requirements.
- High strength concrete.

ADVANTAGES

- CC MG42 provides for the following:
- Increased frost resistance.
- Improved early and long term strengths.
- Chloride free - does not attack reinforcement.

METHOD OF USE

CC MG42 can be added to the mixing water prior to its addition to the concrete mix, or dispensed separately after the addition on mixing water.

DOSAGE

Dosage of CC MG42 will vary depending on cement content and outside temperature. Required dosage should be determined for each case. Typical dosage is between 1 - 3% of cement content. Dosages outside the typical range given above may be used to meet particular requirements.

CLEANING

CC MG42 spillage should be collected by suitable absorbent like sand or vermiculite and transfer by suitable container. Dispose of in accordance with local environmental regulations.

PACKAGING

CC MG42 is available in 25 and 210 litres drums, and 1000 litres containers.

STORAGE

Store in dry conditions. CC MG42 has a minimum shelf life of 12 months if stored properly in its original unopened packing. If these conditions are exceeded, CCC Technical Department should be contacted for advice.



ADVANTAGES

- CC MG42 provides for the following:
- Increased frost resistance.
- Improved early and long term strengths.
- Chloride free - does not attack reinforcement.

COMPATIBILITY

CC MG42 is compatible with other CCC admixtures used in the same concrete mix. If more than one type of admixture will be used in concrete mix, they must be dispensed to the concrete separately.

STANDARDS

CC MG42 complies with the following specifications:
• EN934-2 • BS5075 • ASTM C494, Type C
Cold Weather Concrete Admixture

CHARACTERISTICS

Appearance Light brown
Specific Gravity : 1.36 ± 0.15
Cl- Content Nil
Freezing Point : -32oC

HEALTH AND SAFETY

CC MG42 is classified as hazardous material. CC MG42 should not come into contact with skin and eyes. In case of contact with eyes wash immediately with plenty of water and seek medical advice promptly.

FIRE

CC MG42 is water-based and nonflammable.