

CBP™ 2 Data Sheet

Admixture for Low Slump Concrete Products

Product Description

CBP™ 2 is a high performance ready-to-use liquid admixture recommended for use in the production of very low or zero-slump concrete. CBP 2 is supplied ready-to-use, the ingredients are premixed in exact proportions under strict quality control to provide uniform results. One Liter weighs approximately 1.01 kg (1 gallon weighs approximately 8.4 lbs).

Uses

CBP 2 may be used in all zero or low slump concretes to increase workability while retaining cohesiveness and providing more complete cement hydration. Zero or low slump concrete mixes are characteristically dry, containing only sufficient water for cement hydration. An increase in water content, while desirable to improve workability, would be impractical, from a production standpoint, in applications where a very low or zero slump concrete is necessary. As a dispersing agent, CBP 2 will compensate for the water deficiencies in such mixes thereby improving the workability, dispersing the cement for more complete hydration, and consequently producing greater strengths for a given cement content.

Application Information

Addition Rates:

The typical addition rate of CBP 2 is 130–450 mL/100 kg (2–7 fl oz /100 lbs) of cementitious materials in the mix. The optimal addition rate will depend on the concrete materials, job conditions and desired performance characteristics.

Compatibility:

CBP 2 should not be premixed with other admixtures. The performance of the admixture will be affected by the presence of other chemicals. Testing should be performed to confirm compatibility with other admixtures.

Dispensing:

A complete line of accurate, automatic dispensing equipment is available. CBP 2 may be introduced at any time during the mixing cycle but not directly onto the cement.

Product Advantages

- Improves compaction
- Increases compressive strength
- Reduces culls
- Produces sharper corners and edges
- Faster cycling times

Packaging:

CBP 2 is available in drums and mini-bulk containers.

Health & Safety:

All precautions defined on the SDS (Safety Data Sheet) for CBP 2 must be followed.

Storage:

CBP 2 will freeze at about $-1\text{ }^{\circ}\text{C}$ ($30\text{ }^{\circ}\text{F}$), but it will return to full effectiveness after thorough thawing and mechanical agitation.

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