

BETONAC[®]-BVM

SUPER PLASTICISER AND FLOWING CONCRETE ADMIXTURE LIQUID

Product Description

BETONAC[®]-BVM is a synthetic polymer derived from melamine for use as a concrete admixture in all types of construction work.

Uses

BETONAC[®]-BVM is a water soluble admixture to produce high workability concrete which is virtually self levelling, self-compacting and required little or no vibration during handling and placing.

BETONAC[®]-BVM is also to be used to promote high early and ultimate strength by facilitation large reductions in water content, whilst maintaining workability.

Advantages

- **Speeds construction - increased workability speed handling, filling of formwork and placing around congested reinforcement labour times reduced to minimum.**
- **Self compacting - Requires little or no vibration to achieve optimum compaction.**
- **Increased strength - Higher strength without increase in cement content or reduction in workability.**
- **Improved quality - Reduced shrinkage cracking by lower W/C ratio. Denser, closer textured concrete for improved durability and surface finish. Bleeding and segregation minimized.**
- **Non retarding - Concrete setting and formwork stripping unaffected.**
- **High-early strength - Using the minimum water W/C ratio, fast development of strength.**
- **Chloride free - Safe in prestressed concrete and with sulphate resisting cements and marine aggregates.**

Technical Data

General Information

BETONAC[®]-BVM does not entrain air

Physical Performance

Workability: The addition of BETONAC[®]-BVM without the reduction of water content produces „collapsed slump concrete“ which will flow to fill formwork completely, and produce denser hardened concrete, without decrease in compressive strength.

The flowing concrete properties last for 45 - 60 min (at 20 °C) after which time the concrete reacts as it would without addition.

Compressive Strength: Substantial reduction in the water/cement ratio results in early/high increase by as much as 100 %, whilst maintaining original workability. An obvious advantage for precast/prestressed concrete.

Bleeding/Segregation: Despite the high liquid consistency of collapsed slump concrete, little bleeding takes place and the likelihood of aggregate segregation is reduced. It should be noted, however, that the pressure developed by the flowing concrete is slightly increased.

LeycoChem LEYDE-Iraq

Tel.: 0750-4344200, Tel.:0770-8748222, Tel.:0781-3802151
Email: sales.leycochem.iraq@leyde.com
www.leyde.com

LeycoChem LEYDE GmbH Germany

Industriestrasse 155 Tel.:+49(0)2236-96600-0
P.O. Box 501627 Fax:+49(0)2236-96600-10
D-50999 Köln/Cologne Email: leycochem@leyde.com

