

V-MAR[®] 10P

Cohesion agent for pump and underwater concrete mixes

Product Description

V-MAR[®]10P is a colloid-based product giving the concrete a fattier, creamy consistency.

Product Advantages

V-MAR[®]10P produces a more cohesive, highly workable concrete with the following advantages:

- Greatly reduced underwater washout with improved pumping qualities
- Reduced pumping pressures, improved pumping distances
- Much reduced segregation (ideal for paving, exposed aggregate concretes)

Dosage

- Improved pumping and anti-segregation performance: 50 to 150gms / m³.
- Underwater concreting: 0.1 to 0.5% of cement weight (normal average dose 0.3%).
- Compatible with all cement types.

Directions For Use

Spread the required amount of V-MAR[®]10P powder onto the dry aggregates (or the cement), briefly “dry-mix” and then add gauging water to “wet out” concrete.

Depending on the dosage level it may be necessary to mix for an additional 1 to 2 minutes, as a slight temporary stiffening may occur at the start of mixing process. This temporary condition is generally associated with high dosage levels.

Characteristics of the concrete obtained:

The addition of V-MAR[®]10P will have no noticeable effect on the following:

- The amount of water in the concrete mix
- Air contents
- Short, medium or long-term mechanical properties

Technical Specifications

- Very light beige powder.
- Apparent density : 0.65 to 0.75.
- Sensitivity to humidity : lumps formed if kept outdoors.
- Non-toxic, biodegradable and environmentally friendly.
- Chloride content : < 0.1%.

Storage

Two years in original, properly sealed packaging. Do not store in damp conditions.

Packaging

V-MAR[®]10P is available in 10kg pail.

Safety

For further information, please consult V-MAR[®]10P Material Safety Data Sheet.

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