Addicrete BVF1

High Range Water Reducing and Super Plasticiser Concrete Admixture.

Standard Specification:
- ADDICRETE BVF 1 complies to ASTM C 494 Type F (Subsequently type A), EN 934 – 2 and ES 1899.

Description:
- Admixture for concrete, brown liquid solution, ready to use directly with concrete soluble in water and based on selective polymers.

Fields of Use:
- It is used to produce high early strength in prestressed concrete, precast concrete, bridges and cantilever structures.

Advantages:
- It is a powerful water reducing admixture for concrete and mortar.
- It increases early compressive strength allowing early stripping of Formwork.
- It produces flowable concrete without increasing mixing water.
- To produce high flowable, pumpable concrete.
- It produces self levelling concrete.
- Minimizes bleeding and segregation of concrete.
- It decreases shrinkage of the concrete and mortar.
- Saving cement content with no effect on the strength and workability.

Technical Data:

<table>
<thead>
<tr>
<th>Base</th>
<th>Selective synthetic polymer</th>
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</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Brown liquid</td>
</tr>
<tr>
<td>Density</td>
<td>1.18 ± 0.01 kg/l</td>
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<tr>
<td>Chloride content</td>
<td>Nil</td>
</tr>
<tr>
<td>Compatibility with cement</td>
<td>All types of Portland cement</td>
</tr>
</tbody>
</table>

Directions for Use:
- ADDICRETE BVF1 is added to concrete during the mixing process or to the water prior to concrete mixing.

Rate of Use:
- Normal dosage: from 0.15% to 2% by weight of cement to increase workability without adding extra water or otherwise, to increase compression strength and keeping the same workability.
- Dosage could be up to 4% by weight of cement. In all cases site trials are strongly recommended for accurate determination of the dosage according to the type and amount of cement, type of aggregates, required concrete slump and targeted compression strength.

Safety Precautions:
- ADDICRETE BVF1 is non-flammable and non-toxic.
- Wash any splashes to the eyes immediately with water.
- For accidental release use an absorbent inert material as sand, then collect up and place in suitable container.

Storage:
- Minimum 18 months under suitable storage conditions.

Packages:
- 5 kg, 20 kg, and 200 kg.