Addicrete BVD 777

Water Reducing, set retarding and Plasticiser Concrete Admixture

Standard Specification:
- **ADDICRET BVD 777** complies with ASTM C 494 Type D.

Description:
- **ADDICRET BVD 777** is powerful concrete water reducing plasticiser and set retarder.
- **ADDICRET BVD 777** is brown ready to use aqueous solution based on selective polymers.

Fields of Use:
- **ADDICRET BVD 777** can be used with all types of cement to achieve the following properties:
  - To delay the setting time without loss of workability.
  - To increase workability without loss of compressive strength.
  - To increase compressive strength without loss of workability.
  - To reduce cement consumption without loss of workability or strength.

Advantages:
- Set retarding without effect on compressive strength.
- It improves workability, quicker placing and compaction.
- Increase strength without increase in cement content, or reduction in workability.
- Improves quality, density, appearance, durability and surface finish of concrete.
- It increases the Resistance of concrete to the attack of Chemically Aggressive agents.
- Chloride free and use safely in R.C. works.
- Compatible with other admixtures produced by CMBI.

Technical Data (at 25°C)

<table>
<thead>
<tr>
<th>Base</th>
<th>Selective polymers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Brown liquid.</td>
</tr>
<tr>
<td>Density</td>
<td>$1.17 \pm 0.01$ kg/l</td>
</tr>
<tr>
<td>Chloride content</td>
<td>Nil</td>
</tr>
<tr>
<td>Air entrainment</td>
<td>Almost nil</td>
</tr>
<tr>
<td>Compatibility</td>
<td>All types of Portland cement</td>
</tr>
</tbody>
</table>

Directions for Use:
- **ADDICRET BVD 777** is preferably added to concrete during the mixing process or to the water prior to concrete mixing.

Rate of Use:
- Normal dosage 0.3 – 0.6% by weight of cement according to the required properties.
- Actual dosage should be established from trial mixes to suit requirements.

Safety Precautions:
- **Addicrete BVD 777** 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:
- 18 months under suitable storage conditions.

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