

Addicrete BVD 1

Water reducing, set retarding and plasticiser concrete admixture.

Standard Specification:

- **ADDICRETE BVD1** complies with ASTM C 494 - type D (subsequently type B), EN 934 - 2 and ES 1899 - 1.

Description:

- **ADDICRETE BVD 1** is powerful concrete water reducing plasticiser and set retarder.
- **ADDICRETE BVD 1** is brown ready to use aqueous solution based on selective polymers.

Fields of Use:

ADDICRETE BVD 1 can be used with all types of cement to achieve the following properties:

- To delay the setting time without loss of workability.
- To increase the workability without any loss in compressive strength.
- To increase compressive strength without loss in the workability.
- To reduce cement consumption without loss in workability or strength.

Advantages:

- It improves workability, quicker placing and compaction.
- Increases 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.
- Higher cohesion, risk of segregation and bleeding are minimized without reduction in the water content.
- It increase the slump and significantly improves concrete, flow characteristics.
- Easier pumping, lower pumping pressures, prevent, clogging and reduce friction in the pipeline.

Technical Data :(at 25°C)

Base	Selective polymers
Appearance	Brown liquid.
Density	1.18 ± 0.01 kg/l
Chloride content	Nil
Air entrainment	Nil
Compatibility	All types of Portland cement

Directions for Use:

- **ADDICRETE BVD 1** is preferably added to concrete during the mixing process or to the water prior to concrete mixing.

Rate of Use:

- Normal dosage 0.15 - 0.8 % of cement weight.
- Higher dosage result in higher workability, Longer setting time, more water reduction and Higher strengths.
- Actual dosage should be established from trial mixes to suit requirements.

Safety Precautions:

- **ADDICRETE BVD1** is non flammable and non toxic.
- Wash any splashes to 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.