

Addicrete BVS 1

High Range Water Reducing, Super Plasticiser and Set Retarding Concrete Admixture.

Standard Specification:

- **ADDICRETE BVS1** is a super plasticiser concrete admixture (Complies with ASTM C 494 TypeG (subsequently types A,B), EN 934 - 2 and ES 1899.
- Approved from National Organization for potable water and sanitary projects.

Description:

- **ADDICRETE BVS1** is a light brown ready to use aqueous solution, based on organic compounds.

Fields of Use:

- **ADDICRETE BVS1** can be used with all types of cement to achieve the following properties.
- To delay and control the setting of concrete specifically in hot weather concreting.
- To produce concrete with high, early and final strength, which is used for bridges, factories, pre-cast and prestressed concrete elements.
- To reduce consumption of cement without any loss of workability or strength.

Advantages:

- Prevents honey - combing in heavy reinforced elements.
- Is a high quality super - plasticiser with retarding effect.
- Is chloride free.
- Allows for high water reduction without any harmful side effects.
- Enables highest reduction in cement content.
- Produces self-levelling concrete and mortar.
- Minimizes shrinkage and produces concrete that is virtually non - shrink.
- Increases both early and final strengths.

Technical Data :(at 25°C)

Base	Sodium ligno sulphonate + Napthalin sulphonate
Appearance	Brown liquid.
Density	1.175 ± 0.01 kg/l
Chloride content %	0.05
Air entrainment	Nil
Compatibility	All types of Portland cement

Directions for Use:

- **ADDICRETE BVS1** is preferably added to concrete during the mixing process or to the mixing water.

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 BVS1** 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:

- 20 kg, and 200 kg.