

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 :(at 25°C)

Base	Selective synthetic polymer
Appearance	Brown liquid
Density	1.18 ± 0.01 kg/l
Chloride content	Nil
Compatibility with cement	All types of Portland cement

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.