

## Addicrete BV1

Water reducing and plasticiser concrete admixture

### Standard Specification:

- **ADDICRETE BV1** is a water reducing plasticiser and flowing concrete admixture (complies with ASTM C 494- TYPE A , G . EN 934- 2 and ES 1899 -1.

### Description:

- it is a ready to use brown liquid concrete admixture based on selective polymers.

### Fields of Use:

**ADDICRETE BV1** can be used with all types of cement to achieve the following properties:

- To increase workability without loss of strength.
- To increase strength without loss of workability.
- To reduce cement consumption without loss of workability or strength.

### Advantages:

**ADDICRETE BV1** can be used with all types of cement to achieve the following properties:

- Improves workability, with easier and quicker placing and compaction.
- Provides a higher strength without increase of cement content or reduction of workability.
- It improves the quality, the density and appearance of concrete, it improves durability and surface finishes .
- It produces higher cohesion. Risk of segregation and bleeding are minimized.
- Without reduction in the water content, it increases the slump and significantly improves concrete–flow characteristics.
- Easier low pumping pressures, which prevents clogging and reduces friction in the pipeline.
- It Is chloride free, so it's safe to be use in reinforced and pre-stressed concrete.
- It increases durability and resistance of concrete to the attack of aggressive agents.

### Technical Data :(at 25 °C)

Base	Selective polymers
Appearance	Brown liquid.
Density	1.13 ± 0.01 kg/l
Chloride content	Nil
Air entrainment	Almost nil
Compatibility	All types of Portland cement

### Directions for Use:

- **ADDICRETE BV1** is preferably added to concrete during the mixing process or to the water prior to concrete mixing.

### Rate of Use:

- Normal dosages ranges from 0.15 – 1 % of cement weight.
- Dosages above 1% by weight of cement fulfil the requirements of ASTM C 494 Type G.
- In all case 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 BV1** 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 month under suitable storage conditions.

### Packages:

- 5 kg , 20 kg and 200 kg .