Addicrete BVS

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

Standard Specification:

- **ADDICRETE BVS** is a super plasticiser Complies with ASTM C 494 type G (subseqenty types A,B), EN 934 - 2 and ES 1899.

Description:

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

Fields of Use:

- **ADDICRETE BVS** 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 to produce concrete for bridges, factories, pre-cast and prestressed concrete elements.
- To reduce consumption of cement without loss of workability or strength.

Advantages:

- Prevents honey-combing in the case of high percentage of reinforcement.
- Is a high quality super - plasticiser with retarding effect.
- Is chloride free.
- Can be used with higher dosages to allow for maximum water reduction without any harmful side effects.
- Enables highest reduction in cement and secures higher strengths.
- 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	1.21 ± 0.01 kg/l
Chloride content	Nil
Air entrainment	Nil
Compatibility	All types of Portland cement

Directions for Use:

- **ADDICRETE BVS** 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 3.5 % 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 BVS** 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.

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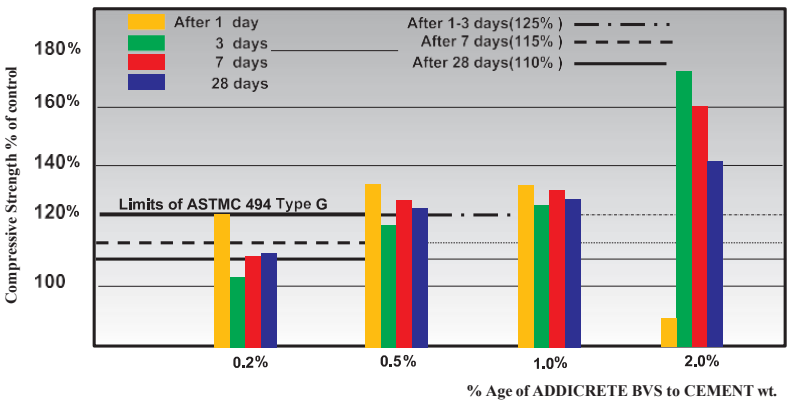
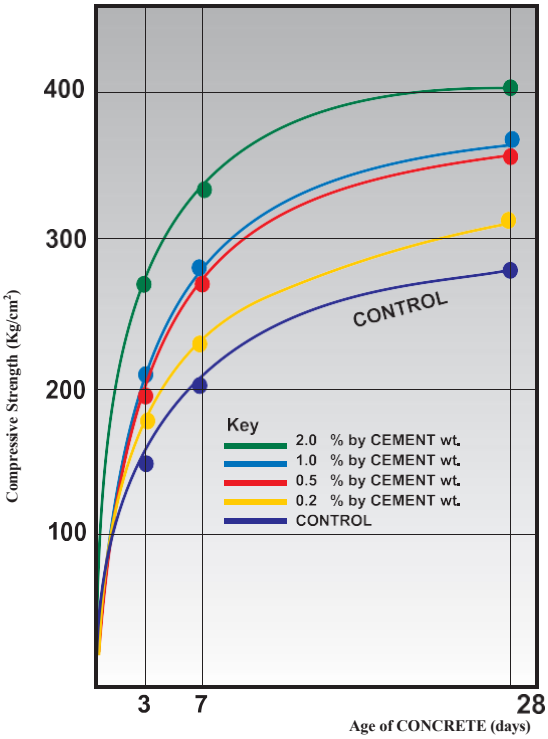
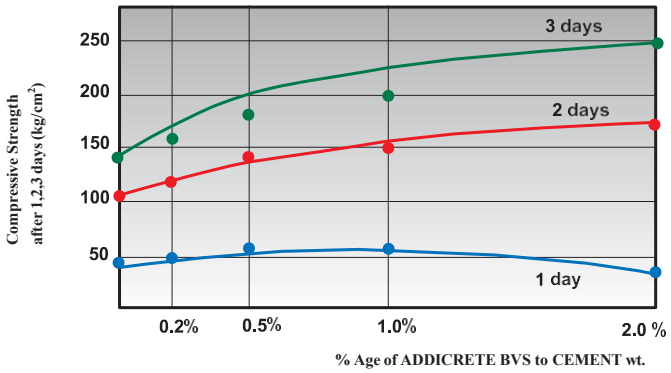
Admixtures For Improving Concrete & Mortar Properties



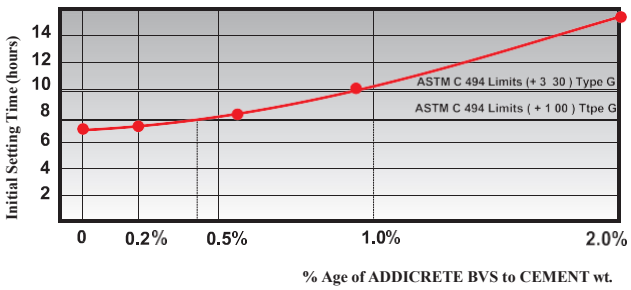
Effect of ADDICRETE BVS on Compressive Strength Related to Control Strength



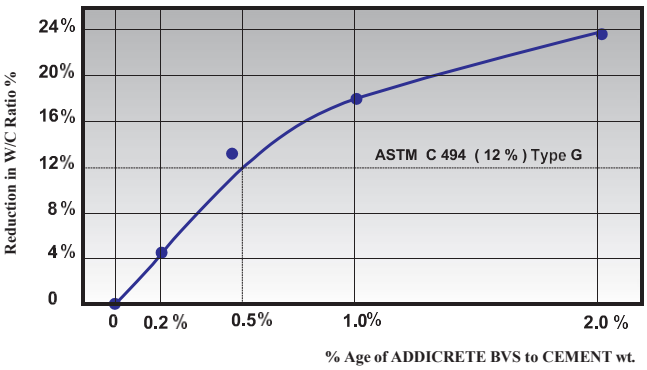
Effect of ADDICRETE BVS on Compressive Strength



Effect of ADDICRETE BVS on Earlier Compressive Strength (after 1, 2, 3 days)



Effect of ADDICRETE BVS on Setting Time



Effect of ADDICRETE BVS on Reduction of w/c

Great Products

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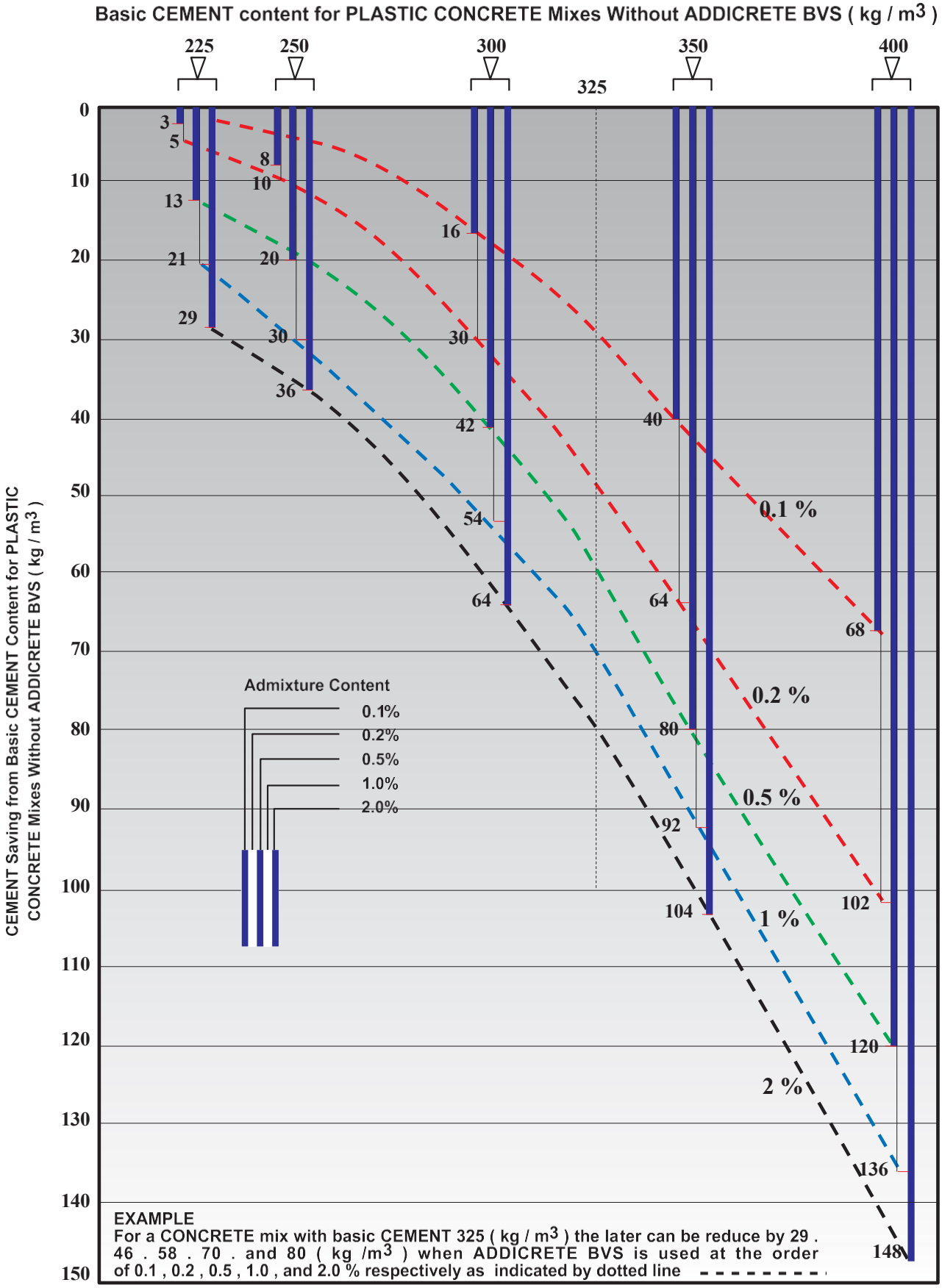

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