Addi-Ment S

High Range Water Reducing, Super Plasticizer and Set Retarding Admixture for concrete

Description: -

Addi_Ment S is high-quality water reducing with retarding the setting time of concrete and mortar. It is a brown liquid additive that quickly dissolves in water and is based on naphthalene sulfonates and lignosulfonate sodium

Usage: -

Used with all types of cement to achieve the following properties.

- To produce concrete with high workability or self-compacting properties.
- To delay and control concrete setting 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 due to water reducing without any effect on concrete strength.
- It is a high-quality superplasticizer that increases the workability of concrete.
- Chloride-free and safe for reinforced concrete.
- Can be used in higher doses to achieve maximum water reduction without harmful effects on the concrete.
- Enables significant cement reduction while maintaining concrete strength.
- Produces self-leveling concrete and mortar.
- Reduces shrinkage and produces shrinkage-resistant concrete.
- Provides concrete with high early and final strength.
- Acts as an efficient retarder for concrete setting time.

Characteristics: At 25°

Base	Sodium Lignosulfonate + Sodium Naphthalene Sulfonate
Appearance	Brown liquid
Density	1.21 ± 0.01 kg/l
Chloride content	Nil
Compatibility	All types of cement

Application instructions: -

Addi-Ment S is preferably added to concrete during the mixing process or to the mixing water.

Rate of Use :

- Normal dosage: from 0.6% to 2.0 % by weight of cement to increase workability without adding extra water or otherwise, to increase compression strength and keep the same workability.
- 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: -

- Addi-Ment S 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.

Packages: -

capacity [20, 200, 1000 kg].

Storage: -

The product should be stored for 12 months in tightly sealed containers and under appropriate storage conditions.

For more information or inquiries, Visit our website.

Power-cp.net

Disclaimer: The technical data provided herein is accurate and correct as of the publication date and is subject to change without prior notice. The information in this datasheet is not exhaustive. Application conditions should comply with those mentioned in this datasheet. The company is not responsible for any losses resulting from application under differing conditions.
Edition: 7/2024