Addi-Ment PC

A high-quality fast-setting superplasticizer & high workability admixture for pre-cast concrete

Description: -

Addi_Ment PC is a high-quality water-reduction and superplasticizer characterized by the fast-setting time of concrete and mortar. It is a brown liquid admixture based on naphthalene sulfonates and premium additives which improve setting time & workability for concrete.

Usage: -

Addi_Ment PC is used with all types of cement to achieve the following properties for concrete:

- To achieve highly fluid or self-leveling concrete without compromising compressive strength.
- To produce high-compressive-strength concrete, particularly suited for pre-cast and prestressed concrete.
- To obtain concrete with high early strength, allowing to remove formwork in shorter periods.
- To reduce cement consumption without affecting the workability or strength of the concrete.
- Suited for fast-setting concrete such as pre-cast concrete.

Advantages: -

- Very fast setting time for concrete.
- Highly effective plasticizer (without any effect on the setting time of the concrete).
- Efficiently reduces mixing water content without affecting concrete compressive strength.
- Produces self-leveling concrete or mortar.
- Enhances concrete resistance to salts and chemicals.
- Reduces shrinkage and cracking in concrete during the setting process.
- Increases workability and improves the final appearance of the concrete.
- Achieves excellent micro-compressive strength in concrete.
- Chloride-free and safe for use in reinforced concrete.

Characteristics: At 25°

Base	Naphthalene sulfonates
Appearance	Brown liquid
Density	1.21 ± 0.01 kg/l
Chloride content	Nil
Compatibility	All types of Portland cement

Application instructions: -

Addi_Ment PC is preferably added to concrete during the mixing process or to the mixing water.

Rate of Use :

- The typical dosage is around 0.6 to 2.5 % of the cement weight.
- For high-strength concrete, the dosage can be increased to 2-4% of the cement weight, ensuring that the mixing water is not less than the amount required for the full hydration of the cement.
- In all cases, laboratory trial mixes should be conducted to determine the correct ratios that achieve the desired properties.

Safety precautions: -

- Addi-Ments are 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 a 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.
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