

Estop Admix AP

The Water Reducing Plasticiser And Set Accelerator

Description

Estop Admix AP is a liquid water reducing set accelerator for concrete and mortar, formulated from carefully selected active ingredient.

Estop Admix AP is a cement dispersing agent which acts as a catalyst and produces high early strength concrete. It reduces the water cement ratio, accelerates the initial set, increases durability, reduces shrinkage and improves workability.

Advantages

- Allows the reduction of water cement ratio.
- Improves the compressive strength, impermeability and durability of concrete.
- Reduces the time required for the initial set.
- Increases the early and ultimate compressive strength of concrete.
- Reduces cracking by minimising plastic shrinkage.
- Improves workability.
- Permits early removal of formworks.
- Reduces concreting costs.

Standard Compliance

- ASTM C494 – 92 Type C & E
- BS 5075 : Part 1 : 1982

Physical Properties

Form	Liquid
Color	Brown
Specific Gravity at 25°C	1.20 – 1.25

Application Instructions

Estop Admix AP is required to be dispersed in water prior to addition to the concrete and Portland cement mortar mixes.

If added to transit or ready-mix truck, minimum one minute mixing is required before discharging.

Dosage Rates

The effect of **Estop Admix AP** depends on variables such as cement composition, ambient temperature and mix design. It is recommended to carry out trials for determining the dosage required.

Under normal circumstances, the dosage shall be 0.6% to 1.2% of the total cement content.

Overdosing

Overdosing will generally produce considerable increase in workability and will accelerate the setting and hardening process. In no circumstances should the dosage rate exceed 2.5 litre per 50 kg of cement.

Compatibility

Estop Admix AP is generally compatible with general air entraining agents, retarders and fly ash. Other admixtures may be used with **Estop Admix AP** subject to prior consultation with our technical department.

Test Result

The following data are compiled from our investigations and laboratory testings. It is to illustrate the effects of **Estop Admix AP** on concrete mixes and use as guides for your own trial mixes.

The effect of Estop Admix AP on setting time

Dosage Rate / 50 kg OPC	Initial Set (hrs)	Final Set (hrs)
Control mix	3 ½	5 ½
300 cc	1 ¾	3 ¾
600 cc	1 ¼	2 ½

Packing & Size

Estop Admix AP	20 litre
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Technical Support

Estop offers a technical support package to specifiers, end-users and contractors, as well as on-site technical assistance.

Storage

Store in dry & covered condition. **Estop Admix AP** has a shelf life of 12 months in an unopened container.

If stored in extreme heat condition, the shelf life may be reduced.

Precaution

Suitable protective gloves and goggles should be worn. If swallowed seek medical advice immediately. Do not induce vomiting.

Additional Information

Estop manufactures and offers a wide range of complementary products, which includes waterstops, waterproofing products, grouts, anchors, specialized flooring products. In addition, a wide range of products formulated for repair and refurbishment of spalled concrete are available.

Important Note

Estop products are guaranteed against defective materials and manufacture and are sold subject to its standard Terms and Conditions of Sale, copies of which may be obtained on request. Whilst Estop endeavors to ensure that any advice, recommendation, specification or information in may give is accurate and correct, it shall not, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products, whether or not in accordance with any advice, specification, recommendation or information given by it.