

# Estop Admix PC50

## High Performance Water Reducer

### Description

**Estop Admix PC50** is a high performance liquid water reducing admixture for concrete, formulated from carefully selected active ingredients based on Polycarboxylate (PCE)

**Estop Admix PC50** is a cement dispersing agent which acts as a catalyst and produces high early strength concrete. It reduces the water cement ratio, increases durability, reduces shrinkage and improves workability.

### Advantages

- High reduction of water cement ratio.
- Improves the compressive strength, impermeability and durability of concrete.
- Increases the early and ultimate compressive strength of concrete.
- Reduces cracking by minimising plastic shrinkage.
- Improves workability.
- High fluidity, reduces concreting costs

### Standar Compliance

- BS EN 934-2 : 2009

### Properties

|                       |                  |
|-----------------------|------------------|
| Appearance            | Clear, Yellowish |
| Specific Gravity 25 C | 1.10 kg/Lt       |
| Viscosity 25 C        | 1.40             |
| pH (10 % solution)    | 6.0              |

### Application instructions

**Estop Admix PC50** in 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 PC50** 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 0.3% to 1.2% of the total cement content.

### Overdosing

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

### Compatibility

**Estop Admix PC50** is generally compatible with general air entraining agents, retarders and fly ash. Other admixtures may be used with **Estop Admix PC50** subject to prior consultation our technical department.

### Additional

**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 palled concrete are available.

### Packing & Size

**Estop Admix PC50** 20 litre

### 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 PC50** 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.

## 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, speci\_cation or information in may give is accurate and correct, it shallnot, 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, speci\_cation, recommendation or information given by it.*