

Estop Admix WP

Integral Liquid Waterproofer And Plasticiser

Description

Estop Admix WP is an integral waterproofer and plasticiser specially designed for the complete and permanent waterproofing of mass and reinforced concrete structures, cement renders, ready-mixed and precast concrete, etc.

Uses

- To improve waterproofing property of concrete and mortar
- A cost effective means of reducing concrete permeability and thereby reducing penetration

Advantages

- Improves impermeability properties
- Reduces surfaces absorption
- Allows the reduction of water cement ratio
- Improved workability and plasticity
- Minimizes cracking and plastic shrinkage
- Minimizes bleeding and segregation
- Increases compressive and tensile strength

Standard Compliance

- **ASTM Type A**
- **BS 5075 : Part 1 : 1982**
- **CRD-C 163-92**

Application Instructions

Estop Admix WP 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.

Estop Admix WP is chloride free and is compatible to most type of retarding plasticizer and superplasticizer which are lignosulphonate or sulphonated naphthalene base etc. contact Estop technical department for further details.

Typical Dosage

Estop Admix WP may be dispersed to the gauging water at the rate of 1 litre per 100 kg of portland cement. For severe condition, a maximum of 1 ½ dose (1.5L) is recommended.

The use of **Estop Admix WP** allows the reduction of water cement ratio by about 10%. In doing so, a higher compressive strength can be achieved.

Test Result

The following data are compiled from our investigations and laboratory testings.

Mix Proportion	Control	Treated
OPC	1.00	1.00
Sand	3.00	3.00
W/C ratio	0.50	0.45
Admixture	Nil	1000 ml

The effect of Estop Admix WP on Permeability (ml/m²/sec) – CRD-C 163-92

Time	Control	Treated
24 hrs	0.0250	0.0220
48hrs	0.0160	0.0145
72hrs	0.0097	0.0085

Packing & Size

Estop Admix WP	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 WP** 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.

Estop Admix WP is water based and non-flammable.

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.