

Estop Admix WP2000

(formerly known as Estop Admix WP)
Integral Liquid Waterproofer and Plasticizer

Description

Estop Admix WP2000 is an integral waterproofer and plasticizer 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 surface 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

Standards Compliance

- **ASTM Type A**
- **BS 5075 : Part 1 : 1982**
- **CRD-C 163-192**

Application instructions

Estop Admix WP2000 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 WP2000 is chloride free and is compatible to most of retarding plasticizer and superplasticizer which are lignosulphonate or sulphonated naphthalene base etc. contact Estop technical department for further details

Properties

Specific Gravity : 1.20 ± 0.03 at 25C

Recommended Mix Proportion

Cement >350 Kg / m³

Water Cement Ratio 0.4

Initial Slump 80 ± 20 mm

Typical Dosage

Estop Admix WP2000 is recommended for use at rate of 0.6% - 2% of cementitious content. Best dosage may be reached based on trial on site

The use of **Estop Admix WP2000** 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 testing.

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

The effect of Estop Admix WP2000 of Permeability (ml/m²/sec) – CRD-C 163-92

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

Packing & Size

Estop Admix WP2000	20 litre & 200 L
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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 WP2000** has a shelf life of 12 months in an unopened container.

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

Tech01/E22

Precaution

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

Estop Admix WP2000 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.