

# Estop Admix SP2000

**High range water reducer  
Superplasticising admixture**

## Description

**Estop Admix SP2000** a chloride free high range water reducing superplasticising admixture for high strength concrete.

**Estop Admix SP2000** made from selective organic superplasticisers which reacts with cement and inducing high workability concrete with high strength.

## Uses

- To reduce water demand of a concrete mix without reducing workability, allowing increased early and ultimate strengths without additional cement.
- To significantly improve the workability of concrete without increasing water demand.
- To reduce concrete permeability and thereby reduce water penetration and enhance durability.

## Advantages

- High range water reducing capabilities allow the high strength concrete without additional excess of cement contents to be produced.
- Higher workability levels are maintained for longer period due to the availability of superplasticisers.

- Improved cohesion and particle dispersion minimises segregation and bleeding and improves pumpability.
- Chloride free, safe for use in precast, prestressed and reinforced concrete.

## Physical Properties

|                  |                                    |
|------------------|------------------------------------|
| Appearance       | Dark Brown Liquid                  |
| Specific gravity | Typically 1.12 – 1.20 g/mL at 25 C |
| Chloride content | Nil to BS 5075                     |
| Solids content   | 38 – 42 %                          |

## Instruction for use

### Compatibility

**Estop Admix SP2000** is compatible with most normal water reducing and retarding admixtures. However, Estop Technical Dept. should be consulted for more informations.

**Estop Admix SP2000** when used in the same concrete mix, should be added to the mix separately and must not be mixed together with other admixtures.

The resultant properties of mixes containing more than one admixture should be assessed by the trial mix attended by Estop Technical Dept.

**Estop Admix SP2000** is suitable for use with all types of Portland cements, SRC cements and cement replacement materials such as PFA, GGBFS and microsilica.

## Dosage

The optimum dosage of Estop Admix SP2000 to meet specific requirements should always be determined by trials using the materials and conditions that will be experienced in use.

This allows the optimization of admixture dosage and mix design and provides a complete assessment of the mix.

The normal recommended dosage is 1.0 litres per 100 kg of cement.

## Use at other dosages

Dosages other than those given on this sheet may be used to meet particular mix requirements provided that adequate supervision is available. Compliance with requirements must be assessed through trial mixes.

Contact the Estop Technical Dept. for advice in these cases.

## Dispensing

The correct quantity of **Estop Admix SP2000** should be measured by means of recommended dispenser or volumetric container. The admixture should then be added to the concrete mix with the mixing water to obtain the best results.

## Curing

As with all structural concrete, good curing practice should be maintained, particularly in situations where an overdose has occurred. Estop's Estocure range is suitable for use as curing agent.

## Health and Safety

**Estop Admix SP2000** is water based system and is non-combustible. However, proper PPE such as gloves and safety goggles are recommended during its handling.

## Technical Support

Estop offers a comprehensive range of high performance, high quality of product for both new and existing concrete surfaces. In addition, the company offers a technical support package to specifiers, end-users and contractors, as well as on-site technical assistance.

## Additional Information

Estop manufactures and offers a wide range of complementary products, which includes waterstops, waterproofing 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.*