

## Fluimax 2HS

ST4-0221

*Liquid additive to be added into the cement mixer to get super-plasticizer concretes with high mechanical strenghts at a low water-cement ratio*



### DESCRIPTION

**Fluimax 2HS** is a super fluidifying additive dark brown coloured used as a base of many functional synthetic polymers; it is soluble in water, completely free of chlorides and therefore not harmful to metal reinforcements or equipment. **Fluimax 2HS** does not modify substantially the setting time of the concrete. It is in compliance with UNI 8145 ASTM 494-79 B, D and G.

### USES

It is possible to use a concrete with a low water/cement ratio even in small, highly reinforced sections, reducing the minimum vibration operations; it grants no segregation and bleeding, impermeability, durability and chemical resistance (to sulphates, sea water, acid rain, thawing salts, corrosive atmospheres etc.), elimination of bubbles and superficial cavities and easy application (reduction of application and vibration time, even in highly reinforced structures).

### APPLICATION

**Fluimax 2HS** is a ready to use product to be added manually or with a doser into the cement mixer. Mix the concrete using initially a water/cement ratio of approx. 0.50; add Fluimax to the paste with a chosen quantity and mix for a further 2-3 minutes until you get a perfect mixture. More water can be added to reach the desired consistency.

The working time of the mixture is basically unchanged and is approx. 1 hour at 20°C.

This value depends on the temperature, the granulometric curve and the transportation system.

However, in order to have precise data on the beginning of the setting period, it is advisable to carry out preliminary tests on the building site, at the atmospheric conditions in which the material will be used.

### CONSUMPTION

**Fluimax 2HS** must be used at 0.7-1.5% of cement weight (700-1500 grams of additive per 100 kg of cement).

### PACKAGING

Tap. of Kg 25.

Ff of Kg 220.

Tan. 1100 Kg.

### STORAGE

Protect from humidity. Stored in a dry, sheltered place in these conditions and in unopened containers, Aderflex RP remains stable for 12 months.

Characteristics	Value
Apperance	dark brown liquid
Specific weight	1,15 Kg/dm <sup>3</sup>
pH	8 - 10

### WARNING

Product intended for professional use.

In case of freezing temperatures, heat up the product at least at 20°C and mix for second time before using.

The equipments used for the preparation and placing of the product must be cleaned with water before hardening.

For further information and advice on safe handling, storage and disposal of chemical products, the user must refer to the most recent Safety Data Sheet, containing physical, ecological, toxicological and other data related to safety. All technical data shown in this Technical Data Sheet are based on laboratory tests. Actual measurement data may vary due to circumstances beyond our control.

The information and requirements indicated in this Technical Data Sheet are based on our current knowledge and experience and are to be considered, in any case, purely indicative. They cannot guarantee the final result of the applied product and they have to be confirmed by exhaustive practical applications; therefore the user must test the suitability of the product for the intended application and its purpose. Users must always refer to the latest version of the local technical data sheet related to the product.