



Family
Admix

Type
Liquid additives for concrete, mortars, grout and puzzo-beton

Product Lines
• **Building**
• **Infratech**

Functional Categories
• **Improvement of mechanical and/or rheological performance of newly manufactured mortars, plasters and concretes**

Components
Single-component

Appearance
Liquid

ADX.0061

FLUID S

Superlubricating additive for concrete, mortar and grout mixing

Dosage

1 - 2 kg /quintal
(Recommended: 1.5 kg /quintal)

Packaging

- Plastic can 10 kg
- Plastic can 29 kg
- Barrel 235 kg

Application

- To be added to other components

Certifications and legislations



EN 934-2

Additivi per calcestruzzo - Additivo riduttore ad alta efficacia/superfluidificante (T3.1/3.2)

General description

Superlubricating additive, defoamer, in aqueous solution, for concrete, mortars and grouts, either with cement or lime. Particularly suitable for concretes added with silica-fume, for the production of concretes with very high intrinsic watertightness.

General features

FLUID S, added to a correct mix of hydraulic binders, selected aggregates, MICROSIL 90 (thickened silica fume), and auxiliary fibres READYMESH PM-180 (multifilament polypropylene fibres) improves mechanical strength, watertightness, and overall hardness of the product.

Reference standards for the product: UNI 8145 - ASTM C 494 B,D,G

Fields of application

Production of concretes, mortars, shotcrete, grout (cement- or lime-based), high workability (consistency class), reduced water/cement ratio, exempt from bleeding and segregation. Specific for manufacturing concretes with very high intrinsic watertightness (waterproof concretes).

Available colours

- Brown

Basic features



Density:
1.18 kg/dm³



Nonflammable



Shelf-life:
12 months



Solvent-free

Technical specifications

Viscosity (a 20°C): 17.5 cP

Tools cleansing

- Water

Applicable on

- Concrete
- Cement-based or lime-based mortars



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Instructions for use

FLUID S must be added to the anhydrous components of the conglomerate, together with the mixing water; the dosage of normal use is in the range 1-2% by weight, relative to the weight of the binders. After the addition of the product, provide for adequate mixing in order to obtain a homogeneous mixture free of lumps. FLUID S effectively performs its superlubricating action in different mixing conditions: concrete mixer, truck mixers, vertical axis mixers etc. with normal means of transport: truck mixers, truck mixer pumps, stationary pumps, etc. Any overages must be preliminarily verified with test mixes.

FLUID S is considered a neutral additive, i.e. it does not involve changes in normal times for gripping and hardening the conglomerate where it is inserted.

Storage and preservation

Store the product in its original packing, in a fresh and dry environment, avoiding frost and direct sunlight. Inadequate storage of the product may result in a loss of rheological performance.



Warnings, Precautions and Ecology

Technical and performance data outlined in this document are the result of laboratory testing conducted in a conditioned environment, as such they can result as considerably changed from operating and application conditions. The need follows to carry out preliminary tests in actual use conditions.

The user is required to check the product's most recent Material Safety Data Sheet, reporting physical-chemical and toxicological data, risk phrases and other useful information on how to safely transport, use and dispose of the product and its packaging. It is also reminded that the product and its packaging must not be dispersed in the environment for any reason.

FLUID S significantly reduces the mixing water. Check the gauge of the mixer truck during the concrete loading phase. Excess water can affect the consistency and performance of the concrete.

FLUID S is produced/distributed by



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