



ADX.0063

FLUID SPRITZ

Inorganic liquid accelerant, for sprayed conglomerates (shotcrete)



Customs Code

2839 9000



Dosage

60 - 80 kg /m³
(Recommended: 70 kg /m³)



Packaging

- Tank 1350 kg
- Plastic can 25 kg



Application

- To be added to other components
- Shotcrete machine

Family
Admix

Type

Liquid additives for concrete, mortars, grout and pritz-beton

Product Lines
• Infratech

Functional Categories
• Construction of spritz-beton

Components
Single-component

Appearance
Liquid

General description

Solution of mineral reactives (sodium silicate) to be used for the acceleration of setting of sprayed masonry and projected concretes, in the reinforcement of rocks outdoors and/or in a gallery, in laying self-sustaining and waterproofing claddings of tunnels, channels, vaults, basins, underground structures, etc., for use with specific equipment for hydrated mixtures (mixtures in which the silicate is sprayed on the shotcrete output nozzle).

General features

FLUID SPRITZ is a wide diffusion accelerant characterised by ease of use, dosage variability according to the specific construction needs: reduction in the number of coating layers to be applied, reduction of patch layer laying time, reduction of rebound swarfs, option to operate even in cold weather.

Fields of application

Production of mortars and grouts sprayed with specific equipment (pumps for shotcrete machines) for hydrated mixtures in the reinforcement of rocks outdoors and/or in a gallery, in laying claddings, also with a load-bearing function, in galleries, on piles, sheet piles, diaphragms, channels, vaults, pondage, etc. In waterproofing underground structures. It can be used in structural sheets, for the safety of buildings affected by earthquakes.

Available colours

- White

Basic features



Density:
1.36 (±0.02) kg/dm³



Nonflammable



Shelf-life:
12 months



Solvent-free

Technical specifications

Boiling point/range: >100 °C

Dry residue (10' a 150°C): 42.5 ±1 %

Viscosity: 170 (±70) mPa

Tools cleansing

- Water

Applicable on

- Concrete
- Bricks
- Tuff
- Mixed walls (bricks and stones)
- Stone walls
- Rock walls



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Instructions for use

FLUID SPRITZ must be previously introduced into a tank of suitable capacity to be added directly to the spray nozzle. It is always advisable to carry out preliminary tests to determine the most appropriate percentage product addition.

Storage and preservation

Protect from freezing. 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. Store the product at a temperature between +5°C and +35°C.



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.

The acceleration depends not only on the dosing of FLUID SPRITZ but also on the strength of the cement and the granulometric composition of the mixtures, the mineralogical properties of media and of the aggregates, the environmental temperature and humidity conditions, and so on.

FLUID SPRITZ is produced/distributed by



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