



ADX.0363

FLUID SPRITZ AF

Alkali-free setting accelerant
additive for shotcrete

Customs Code

2839 1900

Packaging

- Barrel 250 kg
- Pallet tank (IBCs) 1050 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

Alkali-free mineral reactivity solution to be used to accelerate sprayed concrete and shotcrete, in the consolidation of rocks outdoors and/or in tunnels, in the construction of self-sustaining and waterproofing coatings of tunnels, canals, vaults, basins, underground works, etc., to be used both dry and wet directly in the mix design of the concrete to be sprayed.

General features

FLUID SPRITZ AF is a widely-used accelerant characterised by ease-of-use and variability in dosing according to the specific needs of the worksite, with a reduction in the number of coating layers to be applied and in the time needed to complete the carryovers, with less rebound waste and the option to operate even in cold temperatures.

Fields of application

Packaging of sprayed mortars and concrete mixes including with specific equipment (shotcrete pumps, pumping machines) for hydrated mixtures in the consolidation of rocks outdoors and/or in tunnels, in the construction of coatings also with a load-bearing function, in tunnels, on posts, pilings, diaphragms, canals, vaults, basins, dams, and so on. For waterproofing below-ground works. Can be used in collaborative slabs, for the safety of buildings affected by earthquake.

Basic features



Consumption (% by weight of binder):
8 - 10 %



Density:
1.26 kg/l



Nonflammable



Shelf-life:
6 months



Available **colours**
Transparent / Neutral

Technical specifications

Alkali content UNI EN 480-12: < 1 %

Chloride content UNI EN 480-10: < 0.1 %

Dry residue UNI EN 480-8 (105°C): 33 ± 2 %

pH ISO 4316 : 3 _

Tools cleansing

- Water

Applicable on

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



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Instructions for use

FLUID SPRITZ AF can be used wet directly in the concrete to be sprayed or can be placed ahead of time in a container of suitable capacity to be added directly to the spray lance. It is always advisable to carry out preliminary tests to determine the addition of the most suitable percentage of product.

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

The general information, along with any instructions and recommendations for use of this product, including in this data sheet and eventually provided verbally or in writing, correspond to the present state of our scientific and practical knowledge.

Any technical and performance data reported is the result of laboratory tests conducted in a controlled environment and thus may be subject to modification in relation to the actual conditions of implementation.

Azichem Srl does not assume any liability arising from inadequate characteristics related to improper use of the product or connected to defects arising from factors or elements unrelated to the quality of the product, including improper storage.

Those wishing to utilise the product are required to determine prior to use whether or not the same is suitable for the intended use, assuming all consequent responsibility.

The technical and characteristic details contained in this data sheet shall be updated periodically. For consultation in real time, please visit the website: www.azichem.com. The date of revision is indicated in the space to the side. The current edition cancels out and replaces any previous version.

Please note that the user is required to read the latest Safety Data Sheet for this product, containing chemical-physical and toxicological data, risk phrases and other information regarding the safe transport, use and disposal of the product and its packaging. For consultation, please visit: www.azichem.com.

It is forbidden to dispose of the product and/or packaging in the environment.

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