



ADX.0060

FLUID SRA

Hydraulic shrinkage reduction additive for mortars

Customs Code

3824 4000

Packaging

- Bottle 1 kg
- Plastic can 5 kg
- Plastic can 25 kg

Application

- To be added to other components

Family
Admix

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

Product Lines
• Infratech
• Floor

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

Components
Single-component

Appearance
Liquid

General description

Concentrated liquid additive formulated for reducing shrinkage in cement mortar plastic phases. Reduces shrinkage by over 50% compared to the same mixture without additive, especially when conditions for curing are not possible in a humid environment. Excellent in combination with anti-shrinkage and structural fibres for the realization of works with high structural performances. It can be used in some thixotropic and castable structural mortars of the REPAR and GROUT families according to the quantities reported in the respective technical data sheets.


Dosage


Add 4 to 6 kg of FLUID SRA for each cubic metre of mixture to be made (0.05 - 0.07 kg for each 25 kg bag of cement mortars of the REPAR and GROUT families).


Fields of application

For high volumetric stability mortars. Reduces cracking caused by shrinkage in cement mortar plastic phases. Reduction of free air shrinkage of some structural mortars of the REPAR and GROUT families (particularly useful when wet curing conditions of structural mortars are not possible).

Basic features


 Density:
 $0.97 \pm 0.03 \text{ kg/dm}^3$

 Shelf-life:
6 months

 Solvent-free

 Use wearing protective glasses

 Use wearing protective gloves

 Available colours
Transparent

Tools cleansing

- Water

Applicable on

- Cement-based or lime-based mortars

Instructions for use

FLUID SRA must be added to the mortar, after adding the mixing water to the cement mixer. After addition, mix appropriately before casting. The dosage of normal use is indicatively 1% with respect to the weight of the binders.

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 +25°C.

IF YOU WANT TO SOLVE IT


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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.

Under normal conditions, use of the shrinkage reduction additive may lead to a reduction in the mechanical strength of the mixture up to a maximum of 10%. Use of the additive must, therefore, be approved by designer and mixture corrected according to required residual resistances.

FLUID SRA is produced/distributed by



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