

Fluid SRA

Hydraulic shrinkage reduction additive for mortars



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.

CUSTOMS CODE: 3824 4000

COMPONENTS: Single-component

APPEARANCE: Liquid

AVAILABLE COLORS: Transparent

PACKAGING AND DIMENSIONS: Bottle 1 kg - Plastic can 5 kg - Plastic can 25 kg

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).

ALLOWED SUPPORTS

Cement-based or lime-based mortars

MODE OF 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.

APPLICATION METHODS




To be added to other components



TOOL CLEANING

Water



KEY FEATURES

-  Density: $0.97 \pm 0.03 \text{ kg/dm}^3$
-  Solvent-free
-  Use wearing protective gloves

-  Shelf-life: 6 months
-  Use wearing protective glasses

CONSUMPTION

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).

STORAGE AND CONSERVATION

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 $+5^\circ\text{C}$ and $+25^\circ\text{C}$.

PHOTO GALLERY



ADDITIONAL CONTENT



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Update of **01-04-2021**
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Total pages of this document: 3

WARNINGS AND PRECAUTIONS

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. 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.

