



GRT.0075

## GROUT MICRO-J

Micromortar anti-shrinkage  
rheoplastic, castable, injectable

### Customs Code

3824 5090

### Packaging

- Bag 25 kg
- Pallet: 50 x (Bag 25 kg)

### Application

- Pour out
- Injection
- Pump

Family  
Grout

Type  
Fluid cement-based or hydraulic lime based grouts and micro mortars

Product Lines

- Building
- Infratech
- Opus
- Floor

Functional Categories

- Structural strengthening of masonry in historic buildings
- Fastening and anchoring metallic connectors, inserts and frames
- Roads and municipal maintenance interventions
- Structural maintenance of dams, reservoirs, ducts and water ducts
- Structural maintenance of tunnels
- Structural precision anchoring

Components  
Single-component

Appearance  
Powder

## Certifications and legislations



EN 998-2

Masonry mortars - Masonry mortar for general purposes (G)

## General description

Anti-shrinkage micromortar, rheoplastic, superfluid consistency, injectable, based on high-resistance cements, superpozzolanic fillers, modifiers, polymeric agents, anti-shrinkage agents, anti-allergic additives, selected aggregates.

## Fields of application

Injections of reinforcement and reinforcement of concrete, masonry, rock works etc. Anchoring and fixing of ties, electrowelded steel mesh, beam ends for construction joints etc. Sealing of post-tensioning sheathing. Creation of filling paddings in the spaces between conduits and excavation holes.

## Basic features



Maximum diameter of aggregate:  
0.45 mm



Mix with water:  
15 %



Pot-life:  
60 min



Shelf-life:  
12 months



Temperature of use:  
+5 / +35 °C



Available colours  
Gray

## Technical specifications

Bonding force (UNI EN 1015-12): 2.2 N/mm<sup>2</sup>

Capillary absorption (UNI EN 13057): 0.08 kg•h<sup>0.5</sup>/m<sup>2</sup>

Compressive strength (UNI EN 1015-11): 45 N/mm<sup>2</sup>

Density (UNI EN 1015-6): 2000 kg/m<sup>3</sup>

Flexural strength (UNI EN 1015-11): 7.5 N/mm<sup>2</sup>

pH: >12

Static elastic modulus (EN 13142): 26000 N/mm<sup>2</sup>



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## Tools cleansing

- Water

## Applicable on

- Concrete
- Mixed walls (bricks and stones)
- Stone walls

## Instructions for use

Pour 2/3 of the total mixing water in the concrete mixer, gradually add the product and the remaining water, mixing until a homogeneous lump-free mixture of the desired consistency is obtained. Apply on-site by injection or pouring within 60' from mixing with water.

## Substrate preparation

Application surfaces should be clean, free of soiling, crumbling and non-adhering parts, dust, etc., conveniently saturated with water until they reach the condition "saturated with dry surface".

## 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. Protect from humidity.



## 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](http://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](http://www.azichem.com).

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

Adopt casting procedures capable of ensuring the absence of discontinuities and air bubbles.

Do not use in the absence of adequate confinement.

Cure the protection and the moist hardening of exposed surfaces.



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