



GRT.0075

GROUT MICRO-J

Micromortar anti-shrinkage
rheoplastic, castable, injectable

Customs Code

3816 0000

Dosage

1700 kg /m³

Packaging

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

Application

- Pour out
- Injection
- Pump

Family
Grout

Product Lines

- Building
- Infratech
- Opus

Components
Single-component

Type

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

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

Appearance
Powder

Certifications and legislations



EN 998-1

Specification for Mortar for Masonry - General purpose rendering/plastering mortar (GP)

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.

Available colours

- Gray

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

Technical specifications

Bonding force (UNI EN 1015-12): 2.2 N/mm²

Capillary absorption (UNI EN 13057): 0.08 kg•h^{0.5}/m²

Compressive strength (UNI EN 1015-11): 45 N/mm²

Density (UNI EN 1015-6): 2000 kg/m³

Flexural strength (UNI EN 1015-11): 7.5 N/mm²

pH: >12

Static elastic modulus (EN 13142): 26000 N/mm²

IF YOU WANT TO SOLVE IT


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Tools cleansing

- Water

Applicable on

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

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".

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.

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

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.

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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