



GRT.0073

GROUT CABLE

Superfluid, reinforcing,
injectable cement grout

Customs Code

3824 5090

Packaging

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

Application

- Pour out
- Injection



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Family
Grout

Product Lines

- Infratech
- Opus
- Floor

Components
Single-component

Type

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

Functional Categories

- Structural strengthening of masonry in historic buildings
- Roads and municipal maintenance interventions
- Structural maintenance of tunnels

Appearance
Powder

Certifications and legislations



EN 998-2

Masonry mortars - Masonry mortar for general purposes (G)



Floor - Prodotti per pavimenti e massetti in calcestruzzo

Product of the Floor line, the line of products from Azichem Srl dedicated to the main, complementary products and accessories for the construction, restoration and/or renovation of concrete floors and screeds.

General description

Superfluid, injectable, ultra-high flowability and stability cement grout, moderately expansive in the plastic phase, for fixings, anchorages, wall reinforcements, fillings, post-tensioning sheathing fills etc., based on high-resistance cements, specific agents, superpozzolanic reactive fillers. EXEMPT FROM AGGREGATES.

General features

The mixing water requirement of GROUT CABLE, extremely reduced, is close to the permanently, chemically and physically set quantity, from the cement (stoichiometric water); there ensue exceptional characteristics in terms of stability and performance that are further increased by a peculiar anti-shrinkage action in the plastic phase and from the superpozzolanic reactivity that distinguishes the product.

Dosage

Approximately 1600 kg of GROUT CABLE for each cubic metre of volume to be filled.

Fields of application

Reinforcing and anchoring injections in galleries, hydraulic, industrial, marine, underground works; filling of containment sheaths, post-tensioned cable structures, padding, fissured concrete or mixed masonry works.

Basic features



Mix with water:
28-30 %



Nonflammable



Pot-life:
30-45 min



Shelf-life:
12 months



Solvent-free



Temperature of use:
+5/+35 °C



UV-resistant



Available colours
Gray

Technical specifications

Compressive strength (UNI EN 1015-11): > 50 N/mm²

Darcy impermeability: 10⁻¹⁰ cm/s

Flexural strength (UNI EN 1015-11): > 7 N/mm²

No bleeding according to UNI 8998

pH: >12 _

Water/binder ratio: 0.3 _

Tools cleansing

- Water

Applicable on

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

Instructions for use

Pour about 2/3 of the mixing water into the mixer, gradually add GROUT CABLE and the remaining water until a fluid and homogeneous mixture is obtained. Reinforcing backfills and fills can be carried out both by gravity and using manual or automatic pumps, depending on the type of application.

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.

It is not advisable to use the product for reinforcing injections of vintage masonry made before 1900, since the risk of undesirable reactions with some internal masonry components (gypsum minerals) would cause the formation of "ettringite" and "thaumasite", deleterious for reinforcement as they are strongly expansive. In these cases, use SANAFUENS or FLUID CABLE added to hydraulic lime as an alternative.



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GROUT CABLE is produced/distributed by



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