

# 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



#### Product Lines

- Infratech
- Opus
- Floor

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

#### **Functional Cathegories**

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

Appearance **Powder** 

# **Certifications** and legislations



Masonry mortars - Masonry mortar for general purposes (G)

#### Floor - Prodotti per pavimenti e massetti in calcestruzzo

Prodotto della linea Floor, la linea prodotti di Azichem Srl dedicata ai prodotti principali, complementari e accessori per la costruzione, il ripristino e/o la rivitalizzazione di pavimenti e massetti in calcestruzzo.

# 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.

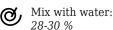
# Fields of **application**

Available **colours** 

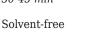
• Grav

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**







12 months Temperature of use: +5/+35 °C

Nonflammable

Shelf-life:

UV-resistant

# **Technical** specifications

*Compressive strength (UNI EN 1015-11):* > 50 N/mm<sup>2</sup> Darcy impermeability: 10<sup>(-10)</sup> cm/s Flexural strength (UNI EN 1015-11): > 7 N/mm<sup>2</sup> No bleeding according to UNI 8998 *pH*: >12 Water/binder ratio: 0.3



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#### 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 SANAFLUENS or FLUID CABLE added to hydraulic lime as an alternative.

GROUT CABLE is produced/distributed by



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