



ADX.0059

## FLUID GROUT

Powder additive for producing castable shrink-resistant mortars on site

### Dosage

300 - 600 kg /m<sup>3</sup>  
(Recommended: 450 kg /m<sup>3</sup>)

### Packaging

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

### Application

- To be added to other components

Family  
Admix

Type  
Multi-purpose powder concentrates for manufacturing thixotropic and adhesive mortars

Product Lines  
• Infratech

Functional Categories  
• Block repair of concrete works with free-flowing mortars  
• Improvement of mechanical and/or rheological performance of newly manufactured mortars, plasters and concretes  
• Manufacturing plasters and mortars "in situ"  
• Structural precision anchoring

Components  
Single-component

Appearance  
Powder

## General description

Polyvalent binder in powder for the production, with the addition of aggregates and water, mortars, grouts and concretes self-levelling, rheoplastic, controlled shrinkage with high mechanical, chemical and waterproofing properties, suitable for the realisation of road joints, structural slabs, anchorages, and industrial precision fixings, etc.

## General features

The addition of FLUID GROUT to the conglomerates allows to obtain: high workability and fluidity; absence of bleeding and segregation; easy transportability and installation; high degree of control of the hygroscopic shrinkage; high mechanical performance; high intrinsic watertightness; resistance to sulphates, chlorides, leaching water; highly superpozzolanic.

## Fields of application

Preparation, with the addition of selected aggregates and water, of concrete, grouts and mortars, rheofluid, anti-leaching, controlled shrinkage and high mechanical and watertightness properties. Production, with the sole addition of water, of superfluid injection grout with high chemical, mechanical and dimensional stability.

## Available colours

• Gray

## Basic features



Nonflammable



Shelf-life:  
12 months



Solvent-free



Temperature of use:  
+5 / +30 °C

## Applicable on

Concrete, Cement-based or lime-based mortars

## Instructions for use

Insert the necessary quantity of FLUID GROUT, aggregates and water provided to obtain a plastic consistency in the mixer. Mix thoroughly, until you obtain a homogeneous, lump-free mixture. Add the water possibly still needed to obtain the desired consistency by providing a further accurate mixing.

Proceed with the installation operations curing the protection and the moist hardening of exposed surfaces.

## 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.



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## Mix design

The indicative mix design specified below is for the achievement of a conglomerate of class C25/30, as a function of the size of the aggregate (values expressed in kg):

Ø max. aggregates (mm)	15/20	20/25	25/30
FLUID GROUT	400	350	300
aggregates	1840	1940	1980
water	150	140	140
TOTAL	2390	2430	2420

The dosage of FLUID GROUT can be increased on the basis of the required performance. For example, to reach a conglomerate of class C40/50, the dosage of FLUID GROUT should not be less than 500 kg/m<sup>3</sup>

## 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.

The dosages are indicative and preliminary tests are therefore necessary for the definition of the actual mixtures, depending on the performance needs and aggregates available.

*FLUID GROUT is produced/distributed by*



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