

SC FAST

Ultra-fast hydraulic sealing grout

- ▷ **Suitable for sealing leaks within 3 minutes**
- ▷ **Does not corrode the reinforcement of the concrete**
- ▷ **Resistant to moisture and freezing**

Description

SC FAST is composed of special cement and additives, and the thickening begins immediately upon contact with water. Due to this property, it is suitable for rapid sealing and waterproofing of cementitious structures.

Uses

SC FAST is suitable for:

- Sealing surface water leaks
- Localized leaks on cementitious surfaces
- Constructing wells that will be exposed to fluids in a short period of time

Technical Data

Product Identity

Form	Powder
Color	Grey
Chemical substance	Portland cement, special additives
Granulometry	D _{max} : 0.1 mm
Bulk density	1,1 ± 0,1 kg/L
Storage	6 months on dry area in the original sealed packaging

Application Data (+23°C & 50% R.H.)

Mixing ratio	1,5 - 1,7 L of water for 5kg
Application temperature	from +5°C up to +30°C
Workability	~3 minutes / 20°C

Application Procedure

Substrate Preparation

The substrate for application should be structurally stable, clean from grease, oils, loose particles. If it is dry, it should be thoroughly wetted with plenty of water.

Application

Spot application

Expand the leakage point (crack, hole, etc.) conically, about 2-3 cm, in the opposite direction of water flow. Mix a small amount with water for 5-10 seconds until the mixture acquires a firm texture, similar to clay, and press it onto the leakage point for about 1 minute, until it achieves the desired hardness.

Surface application

Apply by hand wearing suitable gloves or with a brush directly to the wet but stable surface until SC FAST powder dries. Then, apply two coats of either SC ELASTIC EASY or SC ELASTIC waterproofing products. For more information, refer to the respective Technical Data Sheets of the products.

Recommendations

SC FAST shouldn't be applied:

- In cases where the substrate and environment temperature is less than +5°C or higher than +30°C
- Directly on anhydrite, metal or flexible substrates
- Over existing expansion joints

Also note the following:

- Do not add cement, gypsum, lime or other binders or substances which may affect the mortar characteristics
- Do not add water when the mortar has started to set
- Application should be performed by professional skilled workers

Consumption

The average SC FAST consumption is approximately 1.6 kg/m²/mm. This consumption depends on the application and the volume of the section being sealed.

Cleaning

Tools, buckets, tiles, etc. can be cleaned with fresh and clean water while SC FAST mix is still fresh. After hardening occurs, cleaning can only be done using mechanical means.

Storage

SC FAST remains stable for 6 months from the production date in the original sealed packaging stored in a dry place and temperature between +5°C and +30°C.

Packaging

Bucket of 1 & 5 kg

Safety Instructions

For information and instructions regarding disposal and safe handling, users should refer to the latest Safety Data Sheet or the product containing ecological, toxicological and other safety related data.

Legal Notes

The technical data and recommendations contained or listed in this leaflet are the result of laboratory measurements, of our current knowledge and experience. All the above-mentioned information and specifications should in any case be considered as indicative, as they may differ from each other. The Company makes every effort to ensure the accuracy of the information provided herein. Product specifications, prices and availability are subject to change without notice and may differ from those shown.

In practice, variations in materials, substrates and on-site implementation conditions are such that no warranty can be given or implied, as to the merchantability or suitability of the materials for a particular purpose and for the exact conditions of each project. Anyone interested of using the product must be sure beforehand that the product is suitable for the intended use and in any case, the user is solely responsible for any consequences due to the use of the product. Among other things, the Company is not responsible for any normal wear or tear from environmental or other inappropriate conditions. We reserve the right to revise or change the data herein without prior notice.

Restrictions and disclaimers apply to the extent permitted by applicable law. The Company has a Technical Support Department, which is the only one responsible for providing technical advice and solutions to deal with problems. Requests to the Technical Support Department are addressed and answered, only in writing.

For the latest and a valid version of the Technical Data Sheet, the user of the material must refer to our website www.novamix.gr or directly to the QR Code of the product.



DOMOCHEMICAL S.A.
40 Papanikoli str.
Chalandri, 15232, Athens
T +30 210 68 93 953
F +30 210 68 94 571
novamix@novamix.gr