



Dehumidification systems, water repellent treatments, thermo-acoustic insulation, waterproofing



Certified Quality System since **FEBRUARY 1993**

From Project to Jobsite

TECNOCLAY GROUT

BENTONITE FOR INJECTIONS

Description TECNOCLAY GROUT is a natural sodium bentonite, modified with selected admixtures suitable to facilitate the injectability with a reduction of the required water amount.

Advantages / characteristics

- It allows to position, through injections, a partially hydrated amount of bentonite in the extrados of underground structures.
- After the injection, the product still has the capacity to expand about 4-5 times, in the gel phase, compared to the original volume.

Fields of use

- For the repair of bentonite waterproofing systems when problems, or damages due to the next operations, have occurred during the application, provoking the interruption of the waterproofing system continuity or due to failed confinement.
- Where it is needed to fill voids with a more plastic waterproofing system.

Method of use Pour into the recipient 18 lt. of water and add gradually TECNOCLAY GROUT, mixing energetically with a drill with whip, till to add the total amount of the powder and obtaining a mixture with no lumps. Pour immediately in a mortar pump, preferably with incorporated mixer, and start the pumping operations. The pump nozzle can be connected to previously installed and positioned injectors/attachments, in proximity to the found defect, on holes that cross the structure.

Remarks

- Verify the suitability of the substrate.
- Verify the presence of electric cables, pipes etc .
- Verify previously the feasibility of the intervention by a deep study of the situation and desired result.

Storage Store in a dry place

Packaging Bags of 5 kg

Technical characteristics (typical values)

- Apparent density 1,1 ÷ 1,35 Kg/l
- Specific weight 2,65 ÷ 2,75 Kg/l
- Total expansion of the powder in distilled water in the gel phase after 24 hours: ~ 16 times compared to the original volume.

Safety indications Read carefully the safety indications on the packaging, or consult the relevant Material Safety Data Sheet of this product.

The above information is based on our best experiences and lab results and on results of the application of the product in various fields. Tecnochem Italiana is not responsible for negative performances due to not proper use of the product or for defects due to elements not connected with the quality of the product included wrong storage.

Technical characteristic in this technical data sheet are up-to-dated periodically .Revision date of this technical data sheet is indicated below. Changes of this data sheet can be found in our web-site www.tecnochem.it where you can find the same technical data sheet updated in real time.

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