



Grout Jet

RAPID CURING GROUTING ANCHORING MORTAR

SMART ADVANTAGES

- Very fast setting
- Flowable
- High strength

PRODUCT DESCRIPTION

This is a mineral and cement based, very fast curing grout mortar that is prepared with reinforcement of high quality granulometric sand, cement and high quality chemical additives. It is used in the tasks of fastening and mounting various elements such as steel construction, equipments and machine foundations both interior and exterior. It has a very strong adhesion feature with high first and second compressive strengths. The product is flexible and fluid and it can be either applied manually or pumped by means of a machine in liquid state. It features expansion quality, doesn't undergo shrinkage and self-settles thanks to its high level of fluidity.

AREAS OF APPLICATIONS

- Interior and exterior
- In concrete fastening and tasks of reinforced concrete
- In multi-purpose moulded anchorage tasks
- In crane rails and piers
- In the joints of roads and bridges

FEATURES

- Highly fluid (ideal for densely reinforced and narrow moulded areas)
- Self-settles due to its fluidity and easily gets the shape of any mould, allows gap-free concrete pouring, penetrates into the cracks and gaps easily
- For fastening the industrial machines and joint elements of the machines to the floor, and filling the edges and lower parts with concrete
- For concreting the joints of steel elements and concrete elements
- For making all kind of anchorage, assembly and concrete repair; and filling piers
- For installing railways, placing lids of sewages and water channels
- For fastening bridge parapets, traffic lights, billboards to the floor and fastening the reinforcements while enhancing girder-columns
- High first and second compressive strengths
- Adheres to steel very strongly, absorbs the tension
- Resistant to water, constant wetness, frost and heavy weather conditions
- No shrinkage
- Fireproof, therefore it is used safely in the areas where epoxy use is risky

PREPARATION OF THE SUBSTRATE

- The application surface should dry, clean and free from dirt and other adherence reducing materials as well as crack-free, stable and strong enough to bear burden.
- The application area should be cleaned from adherence reducing residues such as dust, dirt and grease.
- When necessary, application surface should be cleaned with sanding, pressure water or pressure air spraying method. Before the anchorage, the surface should be wetted sufficiently, however water accumulation on the surface should be avoided.



TECHNICAL DATA

Dmax (mm)	2
Colour	Grey
Applicable Thickness (mm)	30
Dry Unit Volume Weight (kg / lt)	1,5 ± 0,2
Wet Unit Volume Weight (kg / lt)	2,2 ± 0,2
Curing Time (hour)	~ 1
Compressive strength 28 days (N / mm ²)	≥ 50
Flexural Strength (28 days) (N/mm ²)	≥ 6
Water Mixing Ratio (for 25 kg dry mortar)	3,5 – 4 lt
Environment temperature for application	Between +5°C and +35°C

Technical data are approximately provided according to a temperature of + 20°C and a relative humidity of 50%.

APPLICATION

- Bostik Grout Jet is mixed in a mixing container filled with clean water at normal environment temperature for about 1-2 minutes.
- In order to obtain a smooth and homogenous mixture, it is recommended to use a mixer with 600 cycle/min capacity.
- The mortar, which is now ready to use and highly fluid, should be applied rapidly.
- The filling area should be filled by pouring from only one side and continuously. At that time, a vibrator can be used in order to ensure gap-free settling of the mortar.
- In order to prevent air bubble formation in the mortar, or if an anchorage is to be carried out without mould, the application should start from only one corner or edge, and the air inside should be released. The poured mortar should be mixed and checked with a tool when necessary and air bubbles should be removed.

AFTER APPLICATION

The exposed and newly applied surfaces should be protected against fast drying for minimum 3 days. To avoid it, keeping the surface humid by using wide folios and humid jute sacks would be enough.

COVERAGE

Approx. 18 – 22 kg/m² for 10 mm thickness.
The coverage amounts are theoretical and it is recommended to do coverage-controlled sample application before treatment.

PACKAGING

In 25 kg craft bags, 64 bags in 1 palette (1600 kg/palette)

STORAGE

- Dry mortar bags should be protected from water, frost and adverse air conditions.
- They should be kept dry and cool on wooden pallets at between +10°C and +25°C in moisture free conditions.
- The torn and opened drums should be closed immediately and consumed first.
- Maximum 8 bags are stacked on each other.
- Shelf life is maximum 12 months conditional to complying with the abovementioned storage conditions.

HEALTH AND SAFETY INFORMATION

For health and safety instruction, first aid measures and spillage and disposal instructions, see separate Safety Data Sheet.



BOSTIK HOTLINE

Smart help
444 10 99



Bostik Kimya Sanayi ve Ticaret A.Ş.
Mecidiyeköy Mh. Oğuz Sk. Biz Plaza N: 4A/7
Zemin Kat 34381 Şişli, İstanbul
E-mail: info.tr@bostik.com
an Arkema company
www.bostik.com

Warning: Bostik is only responsible for the product quality and cannot be held responsible for its mis-use except for the recommendations regarding where and/or how the product shall be used. It is not possible to give a guarantee for the results of operations for individual cases, due to multiplicity of possible uses and storage and processing conditions of the product, which are not under our control. Where necessary, the user should make their own tests. Due to local regulations, product performance may vary from country to country. This technical bulletin hereby is valid until it is renewed. BOSTIK's right to amend the products in accordance with technical developments is reserved. In cases concerning the safety of the products, the material safety data sheet (SDS) containing this information should be consulted.

Date: 19.08.2021 – Rev:000