

BETONAMIT[®] Special Instructions for use

BETONAMIT may only be used once the instructions for use and safety regulations have been fully read and understood! **When working with BETONAMIT, always wear protective goggles!!!**

Preparation

Please have the following equipment ready before starting work:

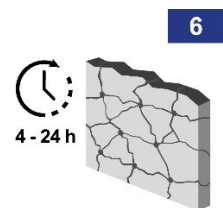
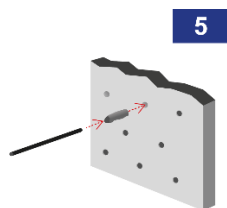
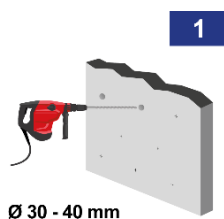
- BETONAMIT Special - The Original
- Safety goggles and protective gloves
- Mixing container made of plastic or metal
- Electric stirring device
- Hammer drill
- Drill bit (30mm - 40mm)
- Water: 0.5 liters / 2.5 kg
- Rod, diameter smaller than the drill bit

BETONAMIT[®] Special

For overhead work and horizontal boreholes, BETONAMIT[®] Special (plastic) is used. The only significant difference is that BETONAMIT[®] Special, after the mixing process, is not liquid but presented in a kneadable mass. This allows the material to be introduced into horizontal or upward-facing boreholes without it flowing out again.

Procedure for BETONAMIT[®] Special

1. Drill holes
2. Pour powder into a bucket
3. Add water (0.5 liters per 2.5 kg)
4. Mix thoroughly with a stirring device until a homogeneous, kneadable mass is formed
5. Hand-form small rolls and insert them into the holes
6. Then compress the material in the borehole using a rod
7. Repeat the process until the borehole is completely filled



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Safety Regulations:

1. Use BETONAMIT only within an ambient temperature range of 5°C to a maximum of 35°C.
2. The maximum processing time is 5 minutes. (Always process only one sack at a time)
3. Do not use warm water (maximum 20°C).
4. Adhere to the correct amount of water: 0.5 liters per 2.5 kg of BETONAMIT Special.
5. Ideally produce the mixture using machinery. (Poor mixing increases the risk of Blow-Out)
6. Use only drill bits with a diameter of 30-40mm.
7. The minimum depth of the borehole corresponds to 5 times the diameter of the drill hole.
8. The boreholes must be as clean and dry as possible.
9. Fill the boreholes early in the morning on hot days.
10. Dilute residues with plenty of water and dispose of them according to local regulations.
11. Never look directly into the filled boreholes (risk of Blow-Out).
12. Secure the work area against unauthorized access. (Blow-Out or dislodged material)
13. Do not pour the mixture into bottles or other closed containers. (Explosive effect)
14. Also, observe the hazards and safety instructions on the packaging. (GHS)

Checklist for the safe application of BETONAMIT

1. Am I wearing the mandatory protective goggles?
2. Is the diameter of my drill bit between 30mm and 40mm?
3. Have I prepared the right amount of water?
4. Is the mixing water temperature within the recommended range?
5. Is the ambient temperature between 5°C and a maximum of 35°C?
6. Is the temperature of the object to be blasted below 35°C?
7. Can the fragments be displaced in at least one direction?
8. Can I ensure that the high pressure of expansion or the displaced material does not cause unintended damage? (Masonry? Slab? Falling parts?)

WARNING: What is a Blow-Out Effect?

Failure to comply with the regulations, improper handling, or too warm conditions can cause a Blow-Out. A Blow-Out is the sudden, explosive escape of BETONAMIT from the borehole. Being struck in the face by the material escaping with high pressure can lead to severe injuries. Therefore, never look directly into the filled boreholes and continuously wear protective goggles when working with BETONAMIT.

After an initial Blow-Out, this may repeat approximately 3-6 times and can occur in additional boreholes. Close off the work area for all individuals for at least 3 hours.

Immediate Actions:

BETONAMIT is not toxic but contains a high proportion of unslaked lime (calcium oxide). IN CASE OF CONTACT WITH EYES: Gently rinse for a few minutes with water. If present, remove contact lenses if possible. Continue rinsing. IN CASE OF SKIN CONTACT: Wash with plenty of water and soap. In case of pain, injury, or allergic reactions, seek medical attention immediately. You can find many more helpful pieces of information on our website at: www.betonamit.de

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To add the ADDITIVE (small bottle), follow these steps:

- Start by placing 5 kg of BETONAMIT STANDARD into a bucket.
- Next, pour 2 bottles of the additive into the mixture.
- Thoroughly blend these two components using an electric mixing device.

For further instructions, please refer to the enclosed user manual.