



4002

Wall and Brick Mortar



Product Code : 4002
Quality Certificates

The product conforms to the TS 12004-1 standard C1T class.

Description: Cement based, single component, powder mortar used for Blokbims - Briquette.

Application Areas: It is used for bonding and knitting of natural stone, granite, marble, facing brick, blokbims and briquette in indoor and outdoor, horizontal and vertical surfaces.

Advantages:

- Easily applied.
- Cost effective.
- Does not cause sagging in vertical applications.

Preparation of the Surface: Both the application surface and the plates must be sound and clear of materials which prevent bonding, such as dust, oil, paint, silicone, curing agents and detergents. The plates to be plastered have to be sound and fixated well, and the gaps between them should be filled with Polyurethane Foam or with the same material.

Preparation of Mortar: 25 kg Blokbims - Briquette mesh mortar is added to approximately 6.5-7 liters of clean water and preferably mixed with a low speed mixer or trowel so that no lumps remain. The prepared mortar is rested for 5 - 10 minutes to mature and mixed again. The mixture in the container should be consumed within 2 - 2.5 hours.

Application Information: A contact layer is generated by pressing the adhesive mortar strongly onto the application surface, the layer is combed with an appropriate notched trowel. Depending on the plates used and the flatness of the surface, adhesive mortar can be applied both on the backside of the bricks and on the surface, for a double sided bonding. Combing

directions must be perpendicular to each other. For better bonding, apply force with a rubber hammer.

Consumption: Varies depending on the application method.

Caution: Avoid application in temperatures below +5°C and above +35°C. Avoid application on frozen areas, on areas under risk of freezing in 24 hours or on areas open to direct sunlight or wind. Pay attention that there will be no snow or extreme cold weather conditions until the cement sets (about 1 week) following the application. Never attempt to extend expired mortar by adding powder and water. Pay attention not to use plates that lost their properties due to intensive sun exposure. The values mentioned above are obtained at 23±2°C and 50±5 relative humidity conditions.

Packaging: 25 kg craft bags

Shelf Life: Unopened packages can be stored in dry environments for up to 12 months, stacked maximum 10 packages on a pallet.

Health and Safety: As with all chemical products, contact with food, skin, eyes and mouth should be avoided during usage and storing. If swallowed by accident, consult a doctor. In case of contact with skin, rinse with plenty of water. Keep out of reach of children.



Technical Properties

Appearance	: Grey colored fine powder
Powder Density	: ~1.35 kg/lit
Water Mixing Rate	: 6 - 7 lt water / 25 kg powder
Resting Period	: 5 - 10 minutes
Pot Life	: Appr. 2 -2,5 hours
Application Temperature	: Between +5°C and +35°C
Tensile Adhesion Strength	: After min. 20 minutes ≥ 0.5 N/mm ² (EN 1346)
Tensile Adhesion Strength	: ≥ 0.5 N/mm ² 28 days (EN 1348)
Slip	: ≤ 0.5 mm(EN 1308)
Walk-on Time	: 24 hours
Service Temperature	: -20°C / +70°C

Application instructions and technical data provided for the products are obtained in line with our experience and the tests we implemented according to international standards under ambient temperatures of 23 ± 2 °C and ambient relative humidity conditions of 50%±5. Higher temperatures decrease the times and lower temperatures increase them.