



CONVENTIONAL BEDDING MORTAR

Characteristic product properties

- Designed for laying floor tiles in the conventional way.
- Layer thickness: 10-50 mm.
- DB white is suitable for natural stone.
- Suitable for interior and exterior use under certain conditions.

Applications

This ready-to-use mortar enables you to lay natural stone in the conventional way. All you have to do is add water. This laying method is the same as that described in the publication devoted to natural stone floor coverings published by the CSTC and SBR, which aims to prevent efflorescence. A minimum layer thickness of 10 mm is required. If WD+ omnibind is added to the mixing water, the product is also suitable for use on outdoor floors using different compositions. In addition, DB omniceM can also be used as a conventional bedding mortar for laying wall and natural stone tiles. White-coloured mortar should be used on natural stone.

Caution: Do not use DB omniceM as a powder tile adhesive.

Appropriate surfaces

- Brick
- Concrete (with WD+ omnibind)
- Concrete blocks
- Cement coating
- Cement screed
- Ceramic interior bricks
- Stabilised

For specific details, please refer to our "General instructions for surfaces."

Other products/specific applications

- In standard situations, on surfaces that are not subject to heavy use and natural stone that is sensitive to staining: DB TRAS omniceM.
- On sealed surfaces when laying "tile on tile": DB FLEX omniceM.
- For rapid delivery: DB FLEX R omniceM.

Preparing the surface

- Can only be applied to surfaces, which are dry, resistant and free of oil, grease, dirt and dust, but never on bituminous surfaces.
- When used on walls, start by coating smooth concrete with an adhesive slurry based on WD+ omnibind.
- Start by treating all surfaces that are absorbent of powdery, using TP omnibind.
- When laying tiles on existing surfaces, you should begin by assessing the cleaning method used on the old surface.
- Take care with existing cracks in the surface, which must be examined closely before laying the tiles.

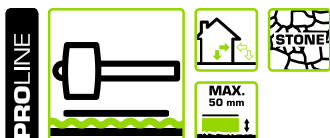
For further details about how to prepare the surface, see our "Preparing the surface" sheet.

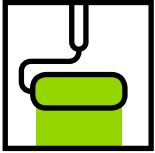
Instructions for application

- Prepare with clean running water, according to the following proportions: 5 litres of water per 25 kg of powder (standard use);
Exterior use: 4,5 litres of water + 0,5 litre of WD+ omnibind per 25 kg of powder.
- Start by pouring the water into the pot before adding the powder.
- Combine using a mixer for 2 minutes (minimum) until you obtain a homogeneous mass without any lumps.
- A large quantity of water is permitted when it is used on floors.
- Apply the mortar to the surface using a trowel.
- Do not apply a mortar to a surface larger than can be tiled or covered with materials within a maximum of 15 minutes (depending on the absorbency of the surface, relative air humidity and temperature).
- Lay the tiles within 20 minutes of applying the mortar layer.
- Make any corrections within one minute!

For further details about application and expansion, please refer to "General instructions for application and information on powder tile adhesives".

Bedding mortar





Consumption

Minimum 10 kg per m², depending on the surface and type of tile. You can calculate the consumption of bedding mortars at www.omnicol.eu.

Technical properties

- Supplied in the form of : powder
- Colour : grey or white
- Application time at 20° C : maximum 2 hours
- Open time : min. 20 minutes in compliance with EN 1346
- Maximum layer thickness : 50 mm
- Curing time : approx. 3 x 24 hours, depending on the surface, temperature, relative humidity and layer thickness
- Hardening : as a result of drying and hydraulic curing
- Adhesion : $\geq 0,5 \text{ N/mm}^2$ (in compliance with EN 1348)
- Water resistance : yes, adhesion $\geq 0.5 \text{ N/mm}^2$ in compliance with EN 1348
- Frost resistance : $\geq 0.5 \text{ N/mm}^2$ (in compliance with EN 1348)
- Max. working temperature : 70° C
- Heat ageing : $\geq 0.5 \text{ N/mm}^2$ (in compliance with EN 1348)

For explanatory notes concerning some of these concepts, please refer to our “General instructions for application and information on powder tile adhesives.”

Packaging

- Available in strong multilayer paper bags, which are sewn and secured using adhesive, with a net content of 25 kg.

Storage and shelf life

- Store in a dry and sheltered place, as the powder is sensitive to moisture.
- Keeps for 12 months in its original sealed packaging.

Health and Safety

DB omnicem contains pure Portland cement. More detailed information on safety when handling cement-based products is available on request.

This technical data is based on many years of practical experience and laboratory research. We cannot be held liable for the work produced in accordance with our systems since factors on which we cannot make an assessment or influence also determine the final result. We guarantee that this product is always supplied in a quality that remains the same. If you have any doubts, we recommend performing tests yourself.