

UNIVERSAL FLOOR LEVELLING MORTAR

Characteristic product properties

- Very fluid, self-levelling.
- Fast-drying, rapid accessibility.
- Layer thickness: 2-20 mm.
- Internal use.

Applications

Can be used as a levelling mortar under carpets, vinyl, varnished, cork, parquet and tiled floors. For levelling stony surfaces, such as concrete/cement screeds, including underfloor heating and old tiled floors. Not suitable for anhydrite screeds. Already walkable after approx. 3-4 hours. Ready for tiling after 3 x 24 hours. For other coverings, wait at least one week. This mortar is very fluid, which produces a perfectly smooth result after hardening. The mortar can be pumped (you are advised to first seek advice regarding the type of pump). Low tension layer, cracks practically impossible up to a layer thickness of 20 mm. Apply thicker layers in several stages. Suitable for interior work and well-drained surfaces, including outdoor work.

Appropriate surfaces

- Existing tiles
- Concrete
- Cement screed

For information concerning the maximum moisture content and age of the relevant surface, please see "General instructions for surfaces."

Other products/applications

- For applications that need to be ready sooner: V17 omnimix.
- For local repair and filling of holes / slots: 90GR omnimix or W100 R omnimix.
- On anhydrite screed: V17 omnimix.

Preparing the surface

- Can only be applied to surfaces, which are dry, resistant and free of oil, grease, dirt and dust.
- First repair any holds and cracks using 90GR omnimix or 90R LIGHT omnimix.
- Clean greasy surfaces using CLEANER omnibind. Treat dry, absorbent and mineral surfaces 1 hour in advance using undiluted omnibind:
TP or B2 = for general use
FLEX+ = fast drying (on porous and sealed surfaces)

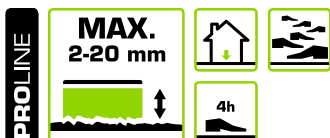
Instructions for application

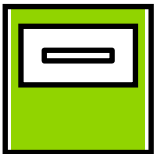
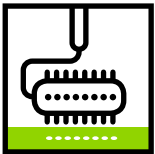
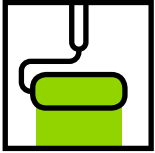
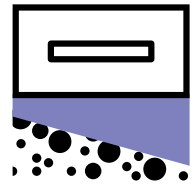
- Prepare V15 omnimix with cold and clean running water, according to the exact following proportions: 6 litres of water per 25 kg of powder.
- Mix vigorously using a mixer for 4 minutes until you obtain a homogeneous mass without lumps. The resulting mass is ready to use after 5 minutes.
- Pour the mortar onto the floor within 20 minutes and spread it using a flat spatula.
- It is strongly recommended that you use a spiked roller, in order to encourage deaeration, compactness and a level surface.
- This mortar is self-levelling and can be applied in one stage in layers with a maximum thickness of 20 mm.
- The ideal layer thickness is at least 2-3 mm.
- Any expansion joints present in the surface should be continued in the floor levelling coat.
- Do not mix with materials other than water. Do not add sand, cement or other materials.
- During application and curing, avoid humidity, draughts and direct sunlight.
- Do not apply at temperatures lower than 5 °C (this applies both to the surface and the ambient temperature).

Required tools

- Mixing tray - measuring device - mixer (at approx. 500 rpm)
- Alternatively: mixer/pump
- Spatula
- Spiked roller

Self-levelling





Consumption

Minimum 1.8 kg per m² and mm layer thickness, depending on the condition of the surface to be treated. You can calculate the consumption of levelling mortars at www.omnicol.eu.

Cleaning tools

Wash with clean water immediately after use. You can calculate the consumption of levelling mortars at www.omnicol.eu.

Product composition

V15 omnimix is a self-levelling floor leveller, which is modified with synthetic resins, based on Portland cement containing carefully selected additives.

Technical properties

- Supplied in the form of : powder
- Colour : grey
- CE conformity : CT-C25-F8 in compliance with EN 13813
- Max. granulometry : 1 mm
- Minimum layer thickness : 2 mm
- Maximum layer thickness : 20 mm (in one stage)
- Waiting time : 5 minutes
- Application time : minimum 30 minutes at 20° C
- Application temperature : max. 70° C
- Hardening : as a result of drying, polymerisation and hydraulic curing
- Setting time : at a temperature of 18-20° C, the floor is walkable within 2-4 hours.
Lower temperatures delay curing.
Depending on the layer thickness and conditions, the floor covering can be applied after approx. 3 days.
Parquet, cork or linoleum flooring can only be applied after 28 days.
- Water-resistant : yes
- Frost-resistant : yes

Mortar properties when dry

- Compressive strength : ≥ 25 N/mm² in compliance with EN 13892-2
- Bending strength : ≥ 8 N/mm² in compliance with EN 13892-2

Packaging

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

Storage and shelf life

- Transport and store in a dry environment.
- Avoid extreme temperatures and direct sunlight.
- Keep packaging properly sealed.
- Maximum shelf life in original sealed packaging: 6 months.

Health and Safety

V15 omnimix contains pure 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.