

Rapid-drying, high-build levelling compound for interior floors (5 – 25 mm)

niveplus



About this product

niveplus is a cement-based, rapid-drying, levelling compound. It is used for correcting surface irregularities where a deep bed thickness is required, in interior dry situations.

Technical data

Adhesion on concrete	>1 N/mm ²
Tensile/flexural strength	10 N/mm ²
Compressive strength	45 N/mm ²
Dynamic modulus	23 kN/mm ²
Particle size	Up to 1.6 mm
Working time (pot life)	20 to 30 minutes
Self-smoothing open time	20 minutes
Application thickness	5 to 25 mm
Maximum thickness in localised areas	50 mm maximum
Delay before light foot traffic	2 to 4 hours
Drying time before applying a covering:	
ceramic tiles	2 to 4 hours
self levelling mortars	4 to 6 hours
floor paints	72 hours, minimum

Note: The figures quoted refer to + 20°C and are longer at lower temperatures and shorter at higher temperatures. Strength values were obtained under laboratory conditions and may be significantly modified under site conditions.

Uses

New work

- Cement screeds
- Screeds with underfloor heating
- Concrete slabs
- Pre-cast concrete floors

Renovation

- Existing tiling
- Rigid plastic tiles
- Existing paints (epoxy, polyurethane, acrylic)

Suitable for covering with:

- Tiling
- Parquet flooring
- Self-levelling compounds applied underneath carpeting and flexible floor coverings
- Certain floor paints

niveplus is compatible with the adhesives used with the coverings listed above.

Constraints

Do not use:

- on permanently damp floors or floors with rising damp
- on friable or unstable floors in industrial areas
- on exterior floors

Features and benefits

- ▲ Manufactured under BSI Quality Assurance Scheme ISO 9002
- ▲ For screeds up to 25 mm
- ▲ Very rapid drying (may be tiled after 2 hours)
- ▲ Excellent spreading and smoothing characteristics
- ▲ Can be pump fed for large areas as a special application by contractors approved by **weber**

niveplus

Preparation

Switch off any under-floor heating systems at least 24 hours before application.

Substrates should be completely dry, hard, rigid and clean.

Scrape off any traces of paint, plaster, laitance or other unsound materials. Thoroughly remove all traces of dust by vacuuming or sweeping.

Fill in any localised holes, up to 50 mm deep with **niveplus** beforehand and allow to dry.

Priming is recommended to improve adhesion, reduce air bubbles and prevent suction from the substrate de-watering the leveller. It may not be necessary for medium porosity substrates, but all others must be primed, and the primer allowed to dry, before applying **niveplus**.

Very porous or slightly porous surfaces should be primed with **ibotac** and allowed to dry for 1 to 4 hours. Anhydrite screeds must be primed with **ibotac**. Completely impervious surfaces should be primed with **iboprim** and allowed to dry for 2 to 3 hours.

Mixing

Do not mix if the temperature is outside of the range +5°C to +30°C.

Thoroughly mix around 4 to 4.5 litres of water per 25 kg bag using a slow speed electric mixer (500 rpm) for at least one minute until a fluid, homogenous paste is obtained. Allow newly mixed material to stand for 2 minutes before use and use within 20 minutes. At high temperatures, this time will be reduced.

Application

Pour the mixed **niveplus** mortar onto the floor. Level off with a straight edge if necessary and smooth down with a float, to ensure that any pores are filled and release trapped air.

The application thickness should be between 5 and 25 mm.

If a second coat is required, apply it as soon as the first coat has hardened. If more than 24 hours have passed between layers, prime the first layer with **ibotac**.

niveplus is not intended as a wearing surface, so the final finishing layer should be applied as soon as possible after drying has completed.

Allowance for movement

Allow for suitable expansion or control joints in screeds or slabs, by following them through the new topping.

Packaging

niveplus is packed in 25 kg polythene lined paper sacks.

Coverage

Approximately 1.8 kg/m²/mm thickness.

Accessories

iboprim: approximately 0.2 kg/m²
ibotac: approximately 0.2 kg/m²

Storage and shelf life

When stored unopened in a dry place at temperatures above 5°C, shelf life is 12 months from date of manufacture.

Health and safety

Contains cement (Contains chromium (VI). May produce an allergic reaction). Harmful by inhalation. Irritating to eyes and skin. Keep out of the reach of children. In case of contact with eyes, rinse immediately with plenty of water and seek medical help. After contact with skin, wash immediately with plenty of soap and water. Wear suitable protective clothing, gloves and eye/face protection.

For further information, please request the Material Safety Data Sheet for this product.

Technical services

weber's Customer Services Department has a team of experienced advisors available to provide on-site advice both at the specification stage and during application. Detailed specifications can be provided for specific projects or more general works. Site visits and on-site demonstrations can be arranged on request.

Technical helpline

Tel: (01525) 722137
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Sales enquiries

weber products are distributed throughout the UK through selected stockists and distributors. For UK sales enquiries and overseas projects, contact **weber's** Sales office.

Sales office

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