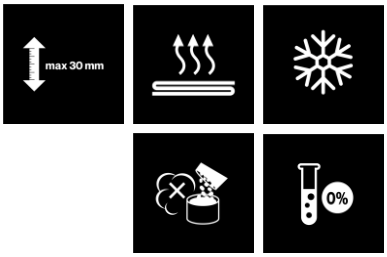
Self-levelling Compound TopLevel FMA 30

> cement-bound
> resistant to frost
> can be filled in gradients up to 3%
> stable and can be set to be flowable



Product description

Self-levelling Compound TopLevel FMA 30 is a cement-bound, plastic-modified, low-tension, self-levelling compound for indoors and outdoors to produce even substrates in layer thicknesses from 5 to 30 mm before laying different floor coverings. Especially for evening out extreme unevennesses, such as with hollow core slabs and raw screeds as well as large area level compensation up to 3% gradient. For optical design, a subsequent epoxy resin sealing can be applied.

Delivery format

Container	Outer packaging	Pallet
25 KG / PS	-	42 PS

Storage
Can be stored frost-free, cool, and dry on wooden shelves in the unopened original container for 240 days

Processing

Recommended tools
Low-speed electric agitator, suitable mixing vessel, trowel, smoothing trowel, spatula, scraper.

Mixing
Place the recommended amount of water in a clean mixing vessel, add FMA 30 and mix using a slow-rotating mixer until a homogeneous and lump-free blend is obtained (mixing time approx. 3-4 minutes).
Never use more water than specified for mixing!

Murexin GmbH: A-2700 Wiener Neustadt, Franz von Furtenbach Straße 1
Tel.: +43(0)2622 / 27 401 - 0, Fax: +43(0)2622 / 27 401 DW 187
E-Mail: info@murexin.com, www.murexin.com

Processing
Pour the fresh filler onto the substrate in one work step, if possible, up to the desired layer thickness (max. 30 mm) and distribute evenly. With multi-layered application, the next layer must be applied immediately after the substrate can be walked upon (approx. 1-2 hrs). If the waiting time is longer, the base must be applied again.
Murexin self-levelling compound TopLevel FMA 30 can be pumped and is suitable for scraping.

Post-treatment:
Keep the fresh mortar from drying out too quickly by taking appropriate measures (e.g. covering with film).

Tool cleaning:
Clean tools and appliances with water immediately after use. Hardened material can only be removed mechanically.

Technical data

Chemical base	Cements, aggregates and admixtures
Grain size	1 mm
Consumption	approx. 1.6 kg/m² per mm of layer thickness
Layer thickness	max. 30 mm
Ready for laying	approx. 24 hrs, depending on layer thickness and ambient temperature
Processing time	approx. 30 min.
Can be walked on	approx. 1 - 2 hrs, depending on layer thickness and ambient temperature
Certificates/test reports/class achieved	C20 F5 according to EN 13813
Compressive strength	approx. 20 MPa
Fire class	Euroclass A1
Object and material processing temperature	min. +5 °C / max. +30 °C
Water consumption	approx. 4.25 litres of water per 25 kg FMA 30 for flowable processing, approx. 3.50 litres of water per 25 kg FMA 30 for levelling

Test certificates

Tested in accordance with (standard, classification ...)
EN 13813:2003
C25 F7
Fire behaviour A1
GEV-EMICODE: EC 1

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Substrate

Suitable substrates

The substrate must be clean, solid, stable and free from separating and adhesion-reducing components. Old coatings are to be removed. The concrete substrate must have a compressive strength of > 25 MPa and a surface tear strength of at least 1.5 MPa as well as sufficient surface roughness.
All rust must be removed from steel parts.
Prime with Murexin AG 3 Sealing Primer.

Product and processing instructions

Material instructions:
- The material properties may change significantly when working outside the ideal temperature and/or humidity range.
- Temper materials accordingly before processing!
- To retain the product properties, no foreign materials may be mixed in!
- Water dosing amounts or thinning specifications must be precisely kept!
- Check coloured products before use for colour consistency!
- Colour evenness can only be guaranteed within a batch.
- Environmental conditions significantly influence colouring.
- Mixed material which is already starting to stiffen may not be diluted further or mixed with fresh material!

Environmental information:
- Do not process at temperatures below +5°C!
- The ideal temperature range for material, substrate, and air is +15°C to +25°C.
- The ideal relative air humidity range is between 40% to 60%.
- Increased humidity and/or lower temperatures delay and lower air humidity and/or higher temperatures accelerate drying, setting, and hardening.
- Ensure sufficient ventilation during the drying, reaction, and hardening phase; avoid draughts!
- Protect from direct sunlight, wind, and weather!
- Protect adjacent components!

Tips:
- We recommend using a test surface first or a small area for initial, small-scale testing.
- Observe the product data sheets of all MUREXIN products used in the system.
- Keep a genuine original container of the respective batch for later repair work.
- For heated screeds, a standard heating procedure must take place before laying.
- The underfloor heating system may not be switched on during the processing and hardening.

The information provided reflects average values obtained under laboratory conditions. Due to the use of natural raw materials, the indicated values of individual deliveries may vary slightly without impacting the product suitability.

Safety instructions

Please refer to the safety data sheet for product-specific information with regard to composition, handling, cleaning, corresponding actions, and disposal.

Limiting and monitoring exposure
Personal protective equipment:
General protection and hygiene measures:
- Keep away from foodstuffs, beverages and feedstuffs.
- Take dirty, soaked clothing off immediately.
- Wash your hands before breaks and after finishing work.
- Avoid contact with the eyes and the skin.

Breathing protection:
- breathing protection recommended.
- P2 filter.

Hand protection:
- protective gloves
- The glove material must be impermeable and resistant to the product / the substance / the preparation.

Glove material

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- Use gloves made of stable material (e.g. nitrile).
- The selection of a suitable glove depends not only on the material, but also on other quality features and varies from manufacturer to manufacturer.

Penetration time of the glove material

- The exact penetration time must be obtained from the manufacturer of the protective glove and observed.

Eye protection: tight-fitting safety goggles.
Body protection: protective clothing.

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Please observe the current, technical, national and European standards, guidelines and data sheets regarding materials, substrates and the subsequent construction. Please contact us if you have any reservations or doubt.
This version is rendered invalid if a new version is released. The most recent data sheets, safety data sheets and the terms and conditions are available online at www.murexin.com.

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