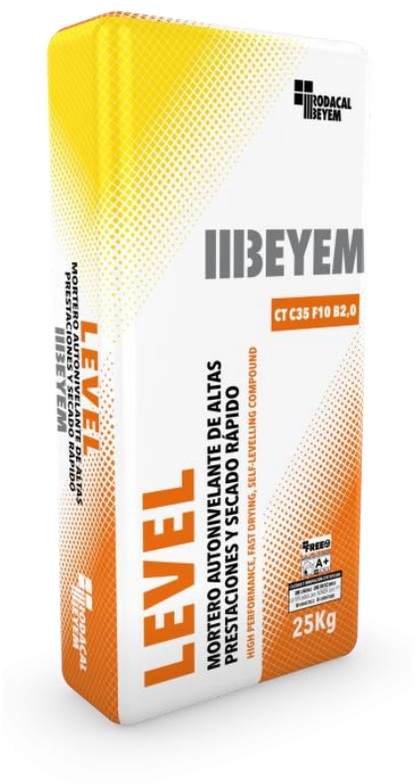
Beyem Level

High performance, polymer modified, fast drying, self-levelling compound

EN 13813





About this product

BEYEM LEVEL is a high performance, polymer modified, fast drying, self-levelling compound. Pumpable. Formulated with cement, selected aggregates, additives and resins to improve adhesión and mechanical strengths. Especially suitable to receive all kind of lightweight finishes (epoxy or PU or PMMA system, ceramic or atone tiles, PVC sheet, Wood flooring or carpets, etc.). Indoor environment quality. Classified A+ class according to Dècret nº 2011-321 (France).
Free of radionuclides.

Benefits

- Quick drying and rapid hardening.
- Can receive light foot traffic a few hours after application.
- High mechanical strengths.
- Suitable for heavy traffic.
- Tickness from 2 mm to 20 mm.
- Easy to apply.
- Smooth and les pore surface.
- Great self-levelling power. Good air release.
- Excellent hardness.
- Very low VOCs emissions.
- Radiation-free certificate. FREE

Uses

Correction, rectification and levelling of irregular/uneven subtrates with moderate or heavy traffic, both in rehabilitation and new floors. Especially suitable for levelling and flattening prior to the installation of all kind lightweight floor coverings (epoxy or PU or PMMA system, ceramic tiles, PVC sheet, Wood flooring or carpets, etc.)

Substrates

BEYEM LEVEL is suitable for:

- Cementitious floors / cement based screeds.
- Precast concrete / concrete slabs or concrete poured on site.

Subtrates must have a mínimum strength of 12 Mpa.

Preparation of substrates

Substrates must be dry, solid and free of dust, loose and detached parts, Paint, wax, oil, rust and all other pollutants. Holes and leaks in the subtrate should be sealed. Apply special compressible band around the perimeter of the romos to be laid and around any vertical elements which pass through the floor (such as pillars and columns). Non porous subtrates may be primed with BEYEM UNIÓN MORTEROS. Where necessary, substrate must betreated with mechanical methods. Over absorbent substrates, apply BEYEM PRO diluted 1:1 with water and left the time necessary to drying to the touch.

Instructions for use

Mix BEYEM LEVEL with a low speed electric mixer or pump machine, with 5,0 – 5,5 l per bag of clean water until homogeneous, smooth, flowable, and lump-free mix is obtained. Pour the mixed material onto the Surface and spread by trowel or pin screed rake to the required thickness. Use a spiked roller for removal of air trapped in self-levelling mortar. Apply a second smoothing layer when the first is traficable or after 5 days if BEYEM UNIÓN MORTEROS or BEYEM PRO have been used. The Surface should be vacuum cleaned or sanded before overcoating.

Indicaciones importantes

- Do not apply below 5°C or above 30°C.
- Protect unset mortar of the direct sunlight, frost or strong wind.
- Do not use BEYEM LEVEL on wet surfaces which are subject to rising damp.
- For interior use only.
- Do not add aggregates, additives or other binders to the BEYEM LEVEL mix.
- High humidity of the subtrate and low temperatures conditions prolong the settong time.
- Excess of water reduces final mechanical strengths and quickness of setting.
- Before applying the producto, ensure that the residual humidity is below the recommended level (lower tan 3%.)
- Respect the expansión and structural joints in the substrate and form Distribution joints.
- Mix only sufficient material that can be applied using available labor and equipment.
- Time before light foot traffic and floor covering can vary depending on the layer tickness and drying conditions. Check the substrate Surface before overcoating.

Technical Data

Product identity. Properties of mixture and application data

Appearance	Powder
Colour	Grey
Grading	0-1 mm
Bulk density	≈ 1250 Kg/m^3
Pot life	≥ 30 min
Mixing water, %	± 21,0%
Flow characteristics	≥ 13 cm Ø$_{medium}$
Minimum thickness	3 mm
Maximum thickness	20 mm
Coverage	≈ 1,5 Kg/m^2 mm of thickness
Tariff code	3824.50.90.00

Final performances

Type	CT C35 F10 B2,0
Surface hardening	5 – 10 h
Compressive strength	≥ 35,0 MPa
Flexural strength	≥ 10,0 MPa
Adhesion	≥ 2,0 N/mm^2
Total VOCs (28 days)	≤ 500 µg/m^3
Radioactivity index (U, Ra, Pb, Th, others)	I = 0,172

Packaging

BEYEM LEVEL is packed 25 kg plastic lined paper bags.
Storage: when stored unopened in a cool dry place, shelf life is 12 months from date of manufacture.

Cleaning tools

Tools can be cleaned easily with water before the producto hardens. Hardened producto can be removed only mechanically.

Project specification

Correction and levelling of uneven subtrates in interior floors in a 20 mm of maximum thickness, must be carried out with a COVs and radiation free, high performance, polymer modified, fast drying, self-levelling compound compliant with EN 13813 – Class CT C35 F10 B2,0, such as Beyem Level, manufactured by Rodacal Beyem Company.. Beyem Level is especially suitable for levelling and flattening prior to the installation of all kind lightweight floor coverings. Apply always aver cleaned and stable substrates.

Health and Safety

For further and complete information about the safe use of our producto please refer to our latest versión of the Safety Data Sheet, which is available upon request.
Disposal of the producto and packaging must be in accordance with current legislation. This is responsability of the final producto user.

Certifications

ER-1089/1999

IDI-0004/2012

Certificate nº 14/8983-1495
UNE-EN 16000-10

"Radiation-free Certificate"
IAF-Radioökologie GmbH

Contact

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Note

Product for prefessional use
The above guidelines and information is accurate to the best of our knowledge and is affered in Good faith. This information is true and accurate, but as conditions of use and any labor involved are beyond our control, the end user must satisfy himself by prior testing that the producto is suitable for his specific application, and no responsability can be accepted, or any warranty given by our Representatives, Agents or Distribuitors.
End user should ensure that he has our latest literatura, copy of which Will be sent upon request.