



TECHNICAL DATA SHEET
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LEVELMAX 330 HIGH

SELF LEVELLING COMPOUND

Ultrafast drying self-levelling for thickness 3 to 30 mm

Product description

LEVELMAX 330 HIGH is an ultra-fast drying self-levelling mortar, designed for levelling and preparing inner substrates for thickness from 3 to 30 mm. The product can be applied on all traditional substrates, new or existing, concrete slabs, concrete screeds, natural stone, ceramic, etc. The treated substrates are suitable for any type of floor. It can be used as levelling coating over under-floor heating. The self-levelling properties make it extremely workable, very smooth, with excellent adhesion to substrates. The product can be spread in thicknesses up to 30 mm per coat without shrinkage and develops very high compressive and flexural strength, as well as resistance to abrasion.

Composition

LEVELMAX 330 HIGH is a premixed mortar based on special fast-drying cements with high mechanical strength, calcareous and siliceous aggregates (selected and measured out according to specific grading curve) and special additives that improve the performance in terms of workability, adhesion to substrates and self-levelling properties.

Mixing and application

Mix a 25 kg bag of LEVELMAX 330 HIGH with about 4.5 litres of clean water, using an electric mixer at low speed until the mixture is smooth and free of lumps. Leave to rest for about 2'-3' minutes and stir again before use. Apply the product in a single coating with a metal trowel or squeegee to reach a thickness of between 3 and 30 mm. The self-levelling product clears any imperfections or splits naturally. Respect any existing expansion joints in the substrate.

The substrate must be sound, solid, free from dust, and brittle parts. The surfaces must be dry and free from rising damp. Clean surfaces to remove all traces of residual cement, release agent, dust, grease, brittle or detached parts by sandblasting or pressure washing. Restore the substrate using mortar for concrete repair. Moisten the prepared substrates with clean water before applying the waterproofing system.

LEVELMAX 330 HIGH can be applied on cement-based screeds (also with under-floor heating), existing tiles, natural stone and concrete slabs. Before applying LEVELMAX 330 HIGH, substrates must be dry, sound, free from dust, loose areas, paint, wax, oil, grease and must be coplanar and normally absorbent. On gypsum-based substrates and/ or anhydrite screeds, ceramic tiles on existing floors, or very porous and absorbent substrates, apply previously a coat of MICROGRIP at least 24 hours before applying the self-levelling mortar.

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MADE IN ITALY



Raccomandation

Do not apply in temperature below + 5°C or above + 35°C. Do not apply on frozen, dusty, uneven and inconsistent substrates. Do not apply to frozen or thawing substrates or if freezing temperatures are expected within 24 hours. Each coating must be from 3 to 30 mm thick. Do not use the product as a floating screed. Do not use on surfaces subject to rising damp. Always evaluate a preliminary treatment of the substrates by applying a layer of GRIPMAX PLUS at least 2 hours before applying the levelling mortar.

Chemical characteristics

Consistency	Powder
Colour	Grey
Dry bulk density	~ 1300 kg/m ³
Maximum aggregate size	≤ 1.5 mm
Water content of mix	18%
Mixing ratio	By weight (1 bag + 4,5 lt of water)
Density of fresh mortar	~ 1800 kg/m ³ (EN 1015-6)
Minimum application temperature	+ 5°C
Maximum application temperature	+ 30°C
Pot life mixture	≥ 60 minutes
Minimum application thickness	3 mm
Maximum application thickness	30 mm
Set to foot traffic	> 12 hours (depend to weather conditions)
Time before laying ceramic floor	> 12 hours*
Time before laying parquet floor	> 24 hours*
Compressive strength	≥ 30,0 N/mm ² C30 (EN 13892-2)
Flexural strength	≥ 3 N/mm ² F3 (EN 13892-2)
Reaction to fire	A1 _{fl} Class (EN 13501-1)
Böhme abrasive strength	NPD (EN 13892-3)
Release of corrosive substances	CT EN (13892-2)
Vapour permeability	NPD (EN 12086)
Water permeability	NPD (EN 1062-3)
Sound insulation	NPD (EN ISO 140-6)
Sound adsorption	NPD (EN 12354-6)
Thermal resistance	NPD (EN 12524)
Chemical resistance	NPD (EN 13529)
Cartification 	EN 13813:2002 Cementitious screed material for internal use CT-C30-F3
Shelf life	12 months from date of manufacture if stored in unopened original packaging in a dry and frost-free place.

* before laying the coatings always test the residual humidity using a Calcium Carbide hygrometer.



Coverage

1,7 kg per m² per mm of thickness.



Storage

12 months in original intact packaging and stored in a dry place.



Packing

25 kg bags

Safety procedures

As far as the proper working procedures is concerned, we recommend to consult Material Safety Data Sheets issued according to E.U. rules and to follow your national laws concerning safety in the working place. MSDS is available on our web site www.primaxbuild.it

Trademark and Origin of the good

PRIMAX[®] is a registered trademark of Bellinzoni company. The law considers a trademark to be a form of property and any misuse can be persecuted by law. Bellinzoni s.r.l. declares that our product LEVELMAX 330 HIGH is MADE IN ITALY.

DISCLAIMER All data indicated in this leaflet are the results of tests and experiments carried out in our laboratories and through reliable operators in the stone business and have to be considered reliable. Because of the many factors which can influence them, the information here reported do not constitute implicit or formal guarantees. The end user undertakes the responsibility in the usage of the product making sure to experiment the product characteristic as preventive measure