



Planirapid Autolivellante Maxi

High-performance, rapid drying, self-levelling product,
for 3 to 30 mm thickness, for indoor application.



Fields of application:

- for self-levelling indoor screeds with 3 to 30 mm thickness, before the installation of ceramic or parquet;
- for self-levelling indoor concrete with 3 to 30 mm thickness, before the installation of ceramic or parquet;
- for self-levelling indoor heating screeds with 3 to 30 mm thickness, before the installation of ceramic or parquet;

Preparation:

the base must be sound, compact, well set, have no parts coming away, and be free of dust, grease, oil, paint, and wax. Gypsum or anhydrite bases must be perfectly dry, compact and dustfree.

Before smoothing off with **Planirapid Autolivellante Maxi** self leveller, it is essential to treat the surfaces with Primer GS. Any split or cracks must be sealed using Eposan.

Application:

mix **Planirapid Autolivellante Maxi** self leveller with clean water, to obtain a smooth, lump-free paste. To ensure correct mixing, use a mechanical mixer at low speed and always pour the powder into the container with the right amount of water already in it. Do not add other aggregates or hydraulic binders to **Planirapid Autolivellante Maxi**. Leave the mixture to rest for 3 minutes, then mix it again. It is now ready for use if the mixture is already hardening, do not attempt to restore workability by adding water. Mortar mixers can be used for mixing and pressure pumps for conveying the mixture to the area of use. Pour the mix onto the base and help it to spread with a smooth trowel. For application to large areas, we recommend you use a pump to facilitate even distribution; a light surface finish can be obtained using a screed bar to guarantee overall flatness. Ease out air bubbles with an appropriate bubble roller.

Planirapid Autolivellante Maxi must be protected from frost for at least 24 hours after application. The second coat must be applied as soon as the first is treadable (3-4 hours).

- for self-levelling existing indoor floors in ceramic, terrazzo tiles and natural stones with 3 to 30 mm thickness;
- for self-levelling screeds with 3 to 30 mm thickness, before the installation of rubber, parquet and resilient materials;
- professional use only;

Technical and application specifications

Hazard classification as per Directive 99/45/EC: **irritant**

Mixing water: **22-23% (weight) - i.e. approx 5,5 l per 25 kg bag**

Specific weight of mixture: **1.90 g/cm³**

Mixture pH: **over 11**

Setting time: **90 minutes**

Application temperature: **from +5°C to +35°C**

Waiting time before application of covering materials
(thickness: 3 cm): **2 days for ceramics - 5 days for wood**

Pot life: **approx. 30 minutes**

Walk-over time: **3-4 hours**

FINAL PERFORMANCE SPECIFICATIONS

Compression resistance after 28 days: **≥ 35.0 N/mm²**

Bending resistance after 28 days: **≥ 8 N/mm²**

Acid resistance: **poor**

Resistance to damp, solvents, oil, alkalis, ageing: **excellent**

Temperature resistance: **from -30°C to +90°C**

Harmonised customs code: **38245090**

Measurement of data at 23°C/50% Residual Humidity and no ventilation.
The data may be considerably modified by the conditions of use.

Quality and Environmental Standards:

Planirapid Autolivellante Maxi undergoes constant, careful testing at our laboratories, in compliance with the legislation in force - UNI EN ISO 9001/2015.

Warning

- do not use on bases subject to rising damp or outdoors;
- do not apply in thicknesses of less than 3 mm;
- on gypsum, anhydrite or extremely porous bases - where there is no rising damp - use Primer GS;
- before laying parquet, use a carbide moisture meter to check how much the screed levelled out with Planirapid Autolivellante Maxi has set;
- do not add water or increase fluidity of the self-leveller. The mixture could separate and cause shrinkage due to moisture differences;
- if must always be anchored to the substrate and cannot be used as a separated screed.

CE		Opera Srl Via degli Scavi 19/21 47122 Forlì - Italy
DOP-IT-01-052 PLANIRAPID AUTOLIVELLANTE MAXI EN 13813:2002 - CT-C30-F7		
Self-levelling cement-based smoothing for screeds (CT-C30-F7) in indoor floors		
Fire reaction	A1fl	
Release of corrosive substances	CT	
Vapor permeability	NPD	
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Resistance to compression	>30 N/mm ²	
Flexural strength	>7 N/mm ²	
Durable over time	NPD	
Sound insulation	NPD	
Substrate absorption	NPD	
Chemical Resistance	NPD	
Thermal resistance	NPD	
Release of harmful substances	See safety sheets	

Characteristics

Rapid drying
High workability
High resistance
Anti-shrinkage
Can be pumped
Granulometry: 1.2 mm

Application methods

Concrete mixer
Mortar screw mixer
Manual stirrer

Consumption

1.6 kg/m²
every cm of thickness

Storage

Shelf life of 12 months
in the original packages and
in a dry place

Code	Product	Form and color	Packages	Pallet
422025	Planirapid Autolivellante Maxi	Grey powder	25 kg	1500 kg