

PAVILAND® SL 10R

Fast-drying self-leveling floor coating compound for layers of up to 10 mm

EN 13813 CT C25 F5

FINENESS

DESCRIPTION

Self-levelling floor coating compound fast drying and high performance, for indoor floors preparation. Once hardened, it is suitable for all kind of light floorings (tiles, parquet, fitted carpet, etc.). Cementitious self-levelling for levelling floors in interiors High mechanical resistance and good resistance to abrasion.

TECHNICAL CHARACTERISTICS

Product based on special cements, selected aggregates and additives.

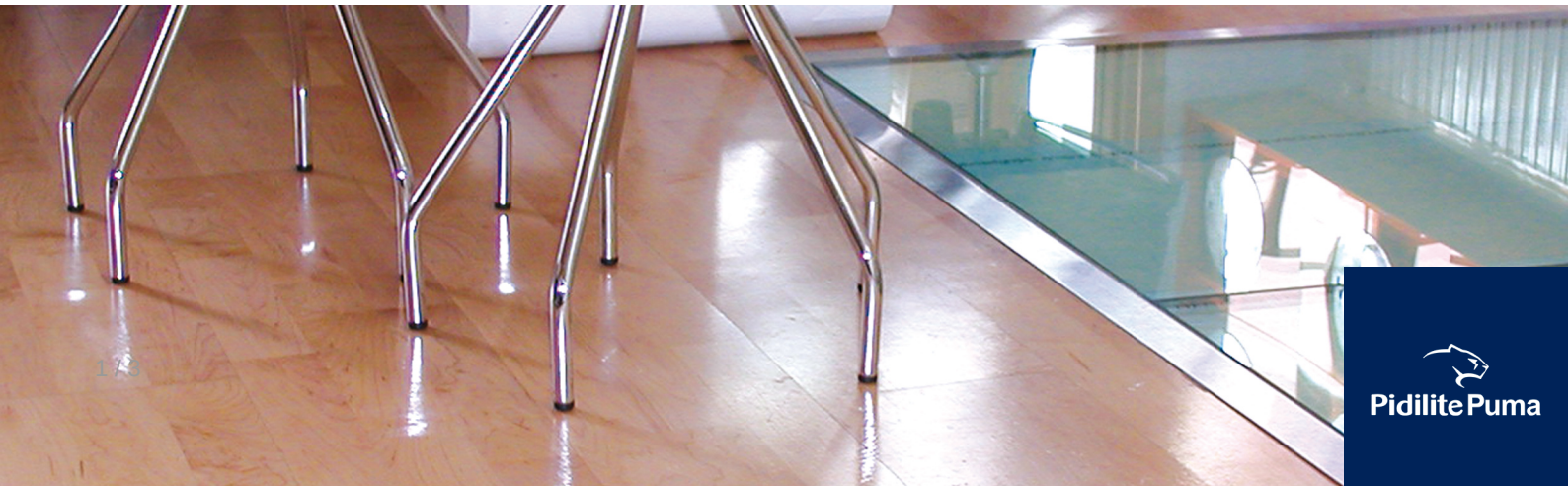
ADVANTAGES AND USES

- Indoor floor levelling.
- High mechanic resistance.
- High resistance to abrasion.
- Excellent levelling qualities.
- Fast setting.
- Pumpable
- Up to 10 mm thickness.
- Suitable for radiant heating.

SUITABLE SUBSTRATES

- Concrete, cementitious flooring and similar elements.
- Substrates must be resistant, stable, sound and clean, free of dust, demolding agents, organic products, etc.
- Apply Paviland Primer R to avoid the formation of air bubbles in the coating and improve its adhesion to the support.
- If necessary, prepare the surface by mechanical means, so that it has a surface without surface laitance and of adequate porosity
- Before the application of PAVILAND SL 10R, cokes and/or cracks must be properly repaired that could be found in the support using the products of the Paviland or Morcemrest range according to the nature of the support and the type of repair to be carried out
- Before applying the paste, make sure that residual moisture is below the recommended proportion (less than 3%).

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APPLICATION PROCEDURE

- Mix the product with water (5.40-5.64 L per each 23 Kg bag), with a mechanic mixer at low speed (500 rpm approximately) until getting a homogeneous paste without lumps. It is essential to add the exact specified amount of water in order to avoid the segregation of the product, high retractions and a decrease in resistance.
- Define and mark the maximum level of the floor slab.
- The discharge area must be established avoiding zones with different setting times. For this to be achieved the means available to carry out the work must be considered, as well as the environmental conditions and the open time of the mortar. Partition joints can be perform by confining previously the discharge areas, avoiding their subsequent realization by cutting.
- Let the mixture settle for 2 minutes and remix.
- The manipulation time of the mixed product is 20 minutes, depending on the weather conditions.
- Pour the mixed product on the base to be set and spread with a levelling trowel.
- The recommended thickness is 2 – 10 mm. applied in one coat.

RECOMMENDATIONS

- Application temperature range from 5ºC to 40ºC.
- Do not apply when there is a risk of frost, strong wind or direct sun.
- Not recommended for exterior use.
- Do not apply on floor with humidity or with a risk of having it.
- Once the product has been mixed and the resting time has occurred, do not add additional water.
- Keep in mind the workability time of the product when planning of the works.
- For floors larger than 20 m2 or longer than 10 lineal metres, it is advisable to make partitioning joints, delimiting panels with 6 mm joints that can be sealed with PUMALASTIC MS or PU.
- Movement joints on the original substrate must be respected and permiteral joints made.
- The surface coat must be protected from drying too quickly, especially in conditions with high temperatures and/or strong winds.
- Before laying the final flooring check the residual humidity of the floor and confirm it is adequate for the type of flooring to be installed.

Application in floors with underfloor heating

- The heating system should be switched off at least 48 hours before the application.
- The heating system should be switched on gradually by increasing the temperature in 2-3 ° C intervals until the operating temperature is reached. This operation must be performed in stages for a period of 48 hours.
- Drying times must be respected before switching on the heating system. At least 48 hours.

PACKAGING AND STORAGE

23 kg plastic-lined paper bags.
12 months in sealed original packaging, sheltered from weather conditions and humidity.

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TECHNICAL DATA

(Statistical data obtained under standard conditions)

Aspect	GREY powder
Adherence to cement	> 2 N/mm²
Resistence to compression	>30 N/mm²
Setting starting time	20 - 30 minutes
Set to light foot traffic	3 - 4 hours
Sanding time	4 - 8 hours
Cladding time tiling or wall-to-wall carpet starting	8-12 hours later
Waiting time before subsequent bonding	12- 24 hours later
UNE-EN 13813 Classification	CT C25 F5
Approximate yield	1,5 Kg/m² per mm of thickness

NOTE: Times shown relate to 23ºC temperature and 50% relative humidity. Such times are shorter at higher temperatures and longer at lower temperatures.

LEGAL DISCLAIMER

The information and instructions in this datasheet are based on our current tests and technical knowledge. They are intended as general guidance and do not constitute a binding commitment by PIDILITEPUMA MEA CHEMICALS LLC. It is the sole responsibility of the user to verify, prior to use, that the product is suitable for the intended application and to ensure that it is applied correctly and in accordance with applicable regulations and good industry practice.

PIDILITEPUMA MEA CHEMICALS LLC cannot control how its products are applied on site throughout the entire project and therefore cannot accept responsibility for their application by contractors or other parties involved in the execution of the work. Support visits to the jobsite by our technical staff do not change that. Our responsibility is limited exclusively to defects that can be directly attributed to the supplied products, whether used individually or as part of a system, caused by manufacturing defects.

It is the responsibility of the project designer, site manager, contractor, or other relevant professionals to ensure that the selected products are appropriate for the specific project, taking into account their properties, the substrate, site conditions, and any existing issues.

In the event of a claim, the original packaging must be provided to ensure proper product traceability.

Any performance values stated for PIDILITEPUMA MEA CHEMICALS LLC products or construction solutions, whether in UNE standards or other applicable standards, are based solely on the specific test conditions defined in those standards (such as substrate type, temperature, and humidity). These values may not apply to situations where products are tested or used under different conditions.

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