



## LEVELING PRIMERS AND ADDITIVES

# PAVILAST R




### SELF-LEVELLER

Cement powder self-leveller for smoothing uneven subfloors for thicknesses of 1 - 12 mm.

### TECHNICAL CHARACTERISTICS:

- Rapid drying
- Self-leveller
- For indoor and outdoor use if covered with a suitable covering material
- Thicknesses of 1 - 12 mm per layer
- Suitable for heated screeds
- Pumpable

### SPECIAL PROPERTIES:

	EC1 PLUS R symbol established with the GEV criterion, categorised as EMICODE EC1 PLUS R: very low emissions.
	Emission class as per French regulations.
	Suitable for underfloor systems

### WHERE IT CAN BE APPLIED:

- Traditional new or existing concrete screeds
- Anhydride screeds (with prior application of Pavilast K 31 or K 22)
- Surfaces of old tiles (with prior application of Pavilast K 32)
- Rapid or semi-rapid drying screeds
- Absorbent subfloors with underfloor heating or cooling systems

### SUBSEQUENT APPLICATIONS ON PAVILAST R:

- Tiles
- Fitted carpet
- Pre-finished parquet
- Textile finishes
- LVT
- Linoleum
- PVC



## PAVILAST R



Density (g/cm <sup>3</sup> ):	1.80
Yield (kg/m <sup>2</sup> ):	1.65 (the yield of the product may vary depending on the porosity or the flatness of the surface to be treated)
Usage temperature (°C):	+5 to +35
Open time (min):	30
Maximum grain size	0.5 mm
Ready for walking on (hours):	about 6 hours, depending on the environmental conditions
Laying of tiles:	After 24 – 36 hours (after checking humidity is < 4%)
Laying of wood and resilient flooring:	After 3 - 4 days (after checking humidity is < 2%)
Final hardening:	7 days
Thermal resistance (°C):	-30 to +90
Compression resistance:	After 24 hours ≥ 3 N/mm <sup>2</sup> After 7 days ≥ 16 N/mm <sup>2</sup> After 28 days ≥ 25 N/mm <sup>2</sup>
Bending strength:	After 24 hours ≥ 1 N/mm <sup>2</sup> After 7 days ≥ 3 N/mm <sup>2</sup> After 28 days ≥ 4 N/mm <sup>2</sup>
Application:	smooth trowel
Equipment cleaning:	water, before the product sets
Storage (months): temperature of between +5°C and +25°C	12
Disposal information	Dispose of in compliance with the local and national regulations in force
Packaging:	25 kg bags
Usage limitations:	Do not add water to the mix if it has already begun to set. Always make sure an adequate vapour barrier is present. Do not use if the walls and ceilings of the room are not thoroughly dry.

### PREPARING THE SURFACE

The surface to be treated must be solid, rough and dimensionally stable. It must have completed the shrinkage process, and must be hard, clean and free from dust, removable parts, varnish, wax, oil, rust, traces of plaster and of old adhesives used for PVC, carpet, etc.

Do not apply on screeds that are not protected from possible rising damp (always place an appropriate vapour barrier between the screed and the flooring). On low-porosity or calcium sulphate screeds, mechanical sanding of the surface is recommended, and any residual dirt, dust or loose parts must be vacuumed off the surface.

### APPLICATION

Pour the powder (25 kg) into clean water (5.25 - 5.75 litres) at room temperature in a clean container, stirring with an electric stirrer to obtain a smooth, even paste with no lumps and thick enough to be spread with a trowel. The paste thus obtained should be left to rest for a few minutes before applying the product with a smooth American trowel in stainless steel. NB: if too much water is used, white/yellowish marks and/or streaking will appear on the surface, preventing adhesion and causing excessive shrinkage that may lead to cracks and fissures and cause the layer applied to come loose. When a second coat is required, it should be applied 3 – 6 hours after the first coat, when the first coat is still damp. Each coat must be between 1 mm and 12 mm thick.

Before laying, always check the humidity level of the screed is <2% (<0.5% for anhydride screed). Room temperature 5 - 35°C, relative humidity max. 75%. Always use adequate individual protection systems. Always consult the technical and safety data sheet for the product.

### NOTE

If the subfloor is too dusty, it should be pre-treated with PAVILAST K 31 or K 22 (see data sheet). Always use our adhesives such as PELPREN PL6, EURO 5, PELPREN PL60E, EURO GOLD, ADESIVO WB MONO MS/LE or MS GOLD FLEX for laying wooden floors. For laying rubber, PVC or fitted carpet, use our PELPREN PL6-G or ADETAC S adhesives only.