

## PAVILAST R




### SELF-LEVELLER

Concrete powder self-leveller for smoothing uneven sub-floors for thicknesses of 1 - 12 mm.

### TECHNICAL CHARACTERISTICS:

- Rapid drying
- 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:

	<p>EC1 PLUS symbol Established using GEV criteria, classified as EMICODE EC1 PLUS: very low emissions.</p>
	<p>Emission class as per French regulations.</p>
	<p>Suitable for underfloor systems</p>

### WHERE IT CAN BE APPLIED:

- Traditional, new or existing concrete screeds
- Anhydrite screeds (calcium sulphate) (with prior application of Pavilast K31 or K22)
- Surfaces of old tiles (with prior application of Pavilast K3S2)
- Rapid or semi-rapid drying screeds
- Absorbent sub-floors with underfloor heating or cooling systems

### SUBSEQUENT APPLICATIONS ON PAVILAST R:

- Tiles
- Carpet
- Pre-finished parquet
- Textile finishes
- LVT
- Linoleum
- PVC

CONTINUE

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### SPECIFIC CHARACTERISTICS (normal conditions):

Apparent density (g/cm <sup>3</sup> ):	1.30
Yield: (kg/m <sup>2</sup> ):	1.65 (the yield of the product may vary depending on the porosity or flatness of the surface being treated)
Usage temperature (°C):	+5 to +35
Open time (minutes):	30
Maximum grain size	0.5mm
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 setting:	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 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 in the room are not completely dry. Always use suitable personal protective equipment Always consult the technical and safety information sheets

### SURFACE PREPARATION:

The sub-floor 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 ensure there is an appropriate vapour barrier between the screed and 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) and stir with an electric stirrer to obtain a smooth, even mix with no lumps and thick enough to be spread with a trowel. The mix thus obtained should be left to rest for a few minutes before applying the product with a smooth trowel in stainless steel. NB: if too much water is used, white/yellowish marks and/or streaking will appear on the surface, preventing subsequent bonding; it will also cause 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 (calcium sulphate)). Ambient 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.

### NOTES:

If the sub-floor is too dusty, it should be pre-treated with PAVILAST K31 or K22 (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 carpet, only use our PELPREN PL6-G, AD-TACK FORCE or ADETAC S adhesives.

### HAZARD PICTOGRAMS:

