

# PAVIFORT

**Pre-mixed mortar with a normal setting time and fast drying time: enables tiles to be positioned after 24 hours.**



## WARNING

- ◆ Do not apply on swimming pools. (use **RECRECEM PRE-MIX**)
- ◆ **PAVIFORT** must only be mixed with water. Do not adulterate its composition.
- ◆ By adding more water than indicated, you will substantially increase the drying time, and weaken the properties of the product.
- ◆ **PAVIFORT** is not an adhesive mortar: it is not suitable for sticking on tiles.

## FIELDS OF APPLICATION

- ◆ With **PAVIFORT** you will be able to:
  - make bases that can be **used for transit after 12 hours**.
  - position **tiles after 24 hours**.
  - achieve bases that are perfectly **dry after 3 days**, and therefore suitable for applying natural stone, parquet, linoleum, carpets, etc.
  - **avoid mistakes** of dosage in the work: it is a pre-dosed product.
  - have a mortar prepared with high quality sand, with granulometric exactness.
  - save time in preparing the mortar: you only need add water.
  - guarantee a perfect support for **technical installations**: industry, supermarkets, airports, etc.
- ◆ Carry out extra layers without contraction with a normal working time and fast drying time.
- ◆ **Urgent** repairs in areas with traffic: restaurants, shops, corridors, etc.
- ◆ Suitable for indoor and outdoor use. Suitable

for making floating floors or ones adhered to a support.

- ◆ Suitable for making bases with radiant heating.

## TECHNICAL SPECIFICATIONS

**PAVIFORT** is a new formula of sand, gravel, hydraulic cement and specific additives that offer a pre-mixed mortar able to set normally but dry fast, meaning it can be walked on after 12 hours. suitable for installing tiles after 24 hours and ideal for installing parquet or carpets after 72 hours. With **PAVIFORT**, in just 3 days you obtain a level of dryness greater than you would get after 28 days: **REAL residual damp lower than 3%**.

## APPLICATION

- ◆ **Support:**
  - You can make bases of **PAVIFORT** on any support: old ceramics, wrought iron, mortar, concrete, etc.
  - These supports should be in good condition, without chips, cracks, dust, oils, etc.

**ATTENTION:** in all cases you must distinguish between:

- bases with a thickness of **less than 4 cm**: make a **base adhered** to the support
- bases with a thickness of **MORE than 4 cm**: Make a **floating base** on the support
- ◆ **Bases with a thickness of less than 4 cm:** Use an adhesive layer of **grouting** before making the base, to achieve a perfect union with the support.

Mix 1 part of **PRIMFIX** with 1 part of the Portland cement (25 litres of **PRIMFIX** with 1 x 25 kg sack of Portland). Use an electric mixer. It can easily be applied with a wide brush.

**Attention:** in all cases, you should spread the **PAVIFORT** mortar on the adhesive layer of grouting while it is **still fresh**.

- ◆ **Bases with a thickness of MORE than 4 cm:** In this case, you will make a base that is separated from the support, separating it with a film of polythene. This film will avoid all possibility of dampness coming up through capillary action. Pour the **PAVIFORT** mortar over this film.



#### ◆ Making the mortar:

The mixture may be done with an automatic pump, in a mixer, cement mixer, etc.

Add, for example, to the cement mixer, the **PAVIFORT** and the water necessary so that the resulting mortar has the consistency of "damp sand". At this point, do not add any more water.

The recommended water is 12% of the weight of the **PAVIFORT**, in other words, 3.0 litres of water for every 25-kg sack. Mix for 4 or 5 minutes.

#### ◆ Application of the mixture:

Pour the prepared **PAVIFORT** directly onto the adhesive layer of grouting while still damp or on to the film of polythene.

Level, screed and smooth the mortar as if it were a normal Portland mortar. It is a mortar that is very easy and simple to work with. The best finish will be achieved by using a "helicopter" as it will leave the surface completely closed.

#### ◆ Comments to bear in mind:

- It is essential to always make expansion joints, respecting the structural joints and making perimeter joints and joints at pillars. (use **SELLALASTIC**, **SILICONA NEUTRA** or **SELLAFIX**)
- When the extension to be done is carried out in phases, you can ensure the perfect continuity between phases by use of primers or by adding mesh between the previous phase and the following one.

CONSUMPTION:	
For grouting layer:	Portland: 0.2 kg./m <sup>2</sup> PRIMFIX: 0.2 lt./m <sup>2</sup>
PAVIFORT:	16-18 kg./m <sup>2</sup> per cm. of thickness (always depending on the compacting achieved)

TECHNICAL DATA	
<b>DIRECTIVES</b>	<b>EN 13813</b>
<b>PRODUCT</b>	
• Type:	CT-C24-F6- pre-mixed mortar with a normal setting time and fast drying time.
• Density in powder:	1.7 g/cm <sup>3</sup>
• Sand ranging:	0 to 3 mm.
• Toxicity:	irritant, avoid contact with skin and eyes
<b>APPLICATION</b>	
• Mixing water:	3.0 litres per 25-kg sack.
• Density of the mixture:	1.8 g/cm <sup>3</sup>
• Temperature of application:	+ 5°C to + 35°C
• Mixing time:	Mix for 4 or 5 minutes
• Pot life:	60 minutes maximum
• Thickness of layer:	10 mm. minimum
• Can be walked on after:	12 hours
• Position tiles after:	24 hours
• Position natural stone, parquet, linoleum, carpets after:	3 days
<b>PERFORMANCE PROPERTIES</b>	
• Resistance to damp:	excellent
• Resistance to ageing:	excellent
• Resistance to abrasion:	excellent
• Flexibility:	normal
• Thermal conductivity (+21°C,45%):	1.3 W/m*K (EN 12667)
• Resistance to flexion:	6.0 N/mm <sup>2</sup>
• Resistance to compression:	24.1 N/mm <sup>2</sup>
• Residual damp:	< 4.5 % 24 hours
(measured with a calcium carbide hygrometer + 20°C, 60% humidity)	< 3.0 % 48 hours < 2.1 % 7 days
<b>STORING</b>	
• In covered, dry, ventilated places	12 months
<b>PRESENTATION</b>	
• Supplied in:	25-kg sacks in grey color.

