

Pavigrout R4 Especial Piscinas®

Thixotropic repair mortar

Composed of high-strength cements, selected aggregates, special additives and fibre reinforcement.



Product

- High performance
- Suitable for concrete sanitation Controlled
- shrinkage mortar
- High immediate strength
- Reinforced with fibers
- Seamless

Observations

- Moistened to saturation before application of **Pavigrout R4 Especial Piscinas**
- Do not add any additives to the mortar.
- Do not apply **Pavigrout R4 Especial Piscinas** on plaster or painted surfaces.
- Do not add water when the mass begins the setting process.
- Do not apply where the water may remain stagnant.
- When a second coat is necessary, apply before the first coat has set.

Features

- Resting time after kneading: 5 min.
- Dough life: 60 min. (20°C)
- Maximum tolerated thickness: 3 -15 cm (in 5cm layers)
- Setting start: 2-4 hours

**These times are contemplated at 20°C and may vary depending on the ambient temperature.*

Benefits

- Bulk Density Powder: 1.4 g/cm³ Mass
- Density: 1.7 g/cm³
- Kneading water (in the laboratory): 15 %
- Direct tensile adhesion: ≥2 MPa
- Compressive strength: ≥45 N/mm²
- Chloride determination: ≤0.05 %
- Modulus of elasticity in compression: ≥20 GPa
- Ice-thaw with de-icing salts: ≥2 Mpa
- Capillary absorption: ≤ 0.5 kg / (m²xh⁰⁵)
- Fire behavior: A1 euroclass

** These results have been obtained under standard conditions and may vary depending on the installation.*

Applications

Reconstruction of the reinforcement coating layer in reinforced concrete structures.
Repair of columns, girders, overhangs, pillars, balconies, degraded concrete areas, etc., due to corrosion of reinforcement and the need for rapid setting.
Repair of surfaces exposed to severe abrasion (channels, pavements, ramps, etc.)
Regularization of walls, tunnels...
Restoration and repair of viaducts on roads. Indoors and outdoors

Supports

- Concrete and cement mortars.
- Standard concrete block.

Recommendations

Application temperatures between 10 -30°C
The percentage of water may vary depending on the mixer used.
In areas where the iron of the armor appears, clean with sandblasting or with a metal brush, cover with **Ultimate** and allow to dry for 10 to 15 minutes.
Do not apply **Pavigrout R4 Especial Piscinas** on smooth concrete supports (before roughing and opening pore).
Do not use by casting for fillings.
Remove deteriorated concrete, with possible detachment until it reaches a solid support.
Do not apply with direct sunlight, wind, possibility of rain or ice...

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Execution conditions

The supports must be healthy, stable and resistant, free of dust, plaster, paint...

Remove deteriorated and degraded concrete, until you reach the solid, resistant and rough support.

Before applying the **Pavigrout R4 Especial Piscinas**, wet to saturation and apply when the surface is free of water.

In structural repairs and with the appearance of reinforcement, sanitize by sandblasting, remove dust and cover with **Ultimate** and allow to dry for 10 to 15 minutes

On non-absorbent, very smooth or poorly absorbent surfaces, strip and open pores to ensure good adhesion.

Avoid applying the coating at low temperatures, high humidity, rain, etc.

In the hours following the application of the mortar, the risk of efflorescence due to carbonation increases.

How to use

*Manual kneading:

Mix a 25kg bag with 3.5-4.5 litres of clean water until a homogeneous mass is obtained.

*Machine-designed:

Mix the mortar with 15-16% clean water.

*In areas where the iron of the armor appears, clean and cover with **Ultimate** and allow to dry for 10 to 15 minutes

*Apply the final coat of **the Pavigrout R4 Especial Piscinas** and give it the desired finish.

*Place the fiberglass or metal mesh in areas with a risk of cracking.

Associated Products

*Pavifer

*Ultimate

*The Solution R2

*The Solution R4 Fluid



Presentation

25 kg bag
1200 kg pallet (48 bags)

Color

White - grey

Consumption

±1.4 kg/m² and mm thick

Storage

In original closed packaging,
sheltered from the weather and

⚠ IMPORTANT

The observations and prescriptions of this technical sheet, even if they correspond to our best experience, must be considered, in any case, purely indicative, and must be tested by exhaustive practical applications; therefore, before using the product, whoever is going to do so must establish whether or not it is suitable for the intended use, and assumes any responsibility that may arise from its use. Once the product has been handled or applied, the manufacturer will not assume any claim, nor will he be responsible for the form, mode and conditions of application.