

REPAIR AND MOUNTING MORTAR



APPLICATIONS /

- Repair of columns, beams, overhangs, pillars, balconies, concrete degraded areas ... on reinforcement corrosion and rapid setting required.
- Filling of cracks and external cladding of buildings.
- For repairs that require put into service urgent as plaster edges, underrun manholes or pipes and voids repairs.
- Indoor and outdoor

SUPPORTED ACCEPTED /

- Concrete and cement
- Standard concrete block

APPLICATION RECOMMENDATIONS /

- Application temperature between 10-30°C
- In areas where appear the iron of frame, clean with sandblaster or metallic brush and cover with mortar **Pavifer** and let dry at least 1 hour.
- Do not apply **Pavigrout Rapid-R3** on supports of smooth concrete (before grinding and open pore).
- Do not use pouring through fillings.
Remove deteriorated concrete, with any release up to a solid support

Repair mortar of quick setting

PAVIGROUT RÁPID-R3

DESCRIPTION /

High resistance cements, selected aggregates, special additives and reinforce of fibre.

COMMENTS /

- Wet well before application of **Pavigrout Rápido-R3**.
- Do not add any additive to the mortar.
- Do not apply **Pavigrout Rapid-R3** on plaster or painted surfaces.
- Do not add water when the mass start the setting process.
- Do not apply where water can remain stagnant.
- Where necessary apply a second coat, applied before the first has been set.

USE CHARACTERISTICS /

- Rest time after mixing: 5 min.
- Mass life: 30-60 min. (20°C).
- Maximum thickness allowed: 3-15 cm (in coats of 5cm).
- Start setting: 2-4 hours.

*These times may vary considerably depending on conditions of room temperature.

FEATURES /

- Powder bulk density: 1.4 g/cm³
- Mixing water: 20%
- Mass density: 1.7 cm³
- Flexural strength ≥ 7.0 MPa
- Compression 28 days: ≥ 25 MPa
- Ultimate tensile strength ≥ 1.5 Mpa
- Dynamic modulus of elasticity ≥ 15 GPa
- Freeze-thaw ≥ 1.5 Mpa
- Capillary absorption ≤ 0.5 kg/(m²xh⁰⁵)

* These results were obtained in standard conditions and may vary depending on the placing.



MORTAR
PAVIGROUT-R3
REPAIR

EXECUTION CONDITIONS /

- The supports must be clean up, stable and resistant, free of dust, plaster, paint...
- Remove deteriorated, degraded concrete until get to solid resistant and rugged.
- Before the application of **Pavigrout Rapid-R3**, wet to saturation and apply when the surface will be free of water.
- In structural repair and with the appearing of the frame, clean with sandblaster, remove dust and cover with anticorrosion mortar **Pavifer**, let dry at least 1 hour.
- On paraments without absorption, concrete walls...use quick primer **F-300** or junction **F-800**.
- Avoid applying the coating at low temperatures, strong humidity, rain... In the hours after applying the mortar increases the risk of efflorescence by carbonation

HOW TO USE /

*Manual mixing:
Mix one bag of **Pavigrout Rapid-R3** (25kg) with 5-5,5 litres of clean water until obtain a homogeneous mass.

*Projected with plaster machine:
Mix the mortar with 20 % approx. of clean water.



*In areas where appears the iron of the frame, clean and apply anticorrosion mortar **Pavifer**, let dry at least 1 hour.

Apply the last coat of **Pavigrout-R3**, remove the excess with trowel and plaster.

*Place the fiberglass mesh or metallic, in areas with risk of cracking.

PRODUCT**PAVIGROUT RÁPID-R3****Repair mortar of quick setting**

- Thixotropic
- Suitable for cleaning up the concrete
- Mortar of controlled shrink
- High resistance immediately
- Armed with fibers
- Without fissures

PRESENTATION /

Paper bags of 25 kg, Moisture-proof.
Pallets of 1200 kg (48 Bags)

COLORS /

White and gray

YIELD /

1.4 kg/m² and mm of thickness

STORAGE /

6 months since manufacture date in original closed container and shelter

