

PavigROUT fluid®

Expansive fluid mortar for anchorings and refills

High resistances cement compound, selected arid, special additives and fiber reinforcement.



Product

- Fit for concrete screeds
- Easy to inject. Easy to pump.
- Controlled retraction mortar.
- Immediately high resistance.
- Armed with fibers.

Observations

- With low temperatures, it has to be used water over 18°C.
- On very hot weather time, do not expose the material to the sun and use cold water for the mixture.
- Do not add any additive to the mortar.
- Do not apply **PavigROUT fluid** over plasters or paintings surfaces.
- Do not add water when the mass starts the setting process.
- Do not apply where water can remain stuck.
- Once the **PavigROUT fluid**, is spilt, it has to be protected from the sun, wind...

Characteristics

- Mass life: 45 - 60 min. (20°C)
- Application thickness: 40 - 60 mm
- Opening time: >30 min.
- Setting start: 90 - 150 min.

** These times are contemplated with 20°C and they can oscillate depending on the ambient temperature.*

Performances

- Kneading water (in laboratory): 13%
- Apparent dust density: 1.4 g/cm³
- Mass density: 1.7 g/cm³
- Adherence for traction: ≥2 MPa
- Compression resistance 28 days: ≥30,0 N/mm²
- Chlorides determination: ≤0,05%
- Elasticity module in compression: ≥15 GPa
- Frost-thaw with salt immersion: ≥2 Mpa
- Capillary absorption: ≤ 0.5 kg / (m²xh⁰⁵)
- Behavior against fire: A1 Euroclass

** These results have been obtained with standard essays and they can oscillate depending on the workplace conditions.*

Enforcements

- Refill for spilt under backing plaques and distribution.
- Rigid joints refill between conventional and pre-manufactured concrete.
- Anchorages of metallic elements (armors, bolts, machinery...), metal and concrete posts.
- Bridge and canes backings, with paste under plaques.

Supports

- On cement base like concrete, concrete block, resistant mortars.
- Indoors and outdoors.

Recommendations

- Application temperatures from 10 -30°C.
- The water percentage can oscillate depending on the used mixer.
- In zones where the armor iron appears, clean with sandblast or with a metallic plane, cover with anti-corrosion mortar Pavifer and let it get dry at least 1 hour.
- Do not apply **PavigROUT Fluid** over smooth concrete supports (rough out before and open porous).
- Eliminate the deteriorated concrete, with possible release until obtaining a solid support.
- For thick fillings, add gravel maximum (6-12 mm.) in proportion 2 to 1 gravel.

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Execution conditions

- The supports have to be healthy, stable and resistant and without dust, plaster, painting...
- Eliminate the deteriorated concrete and in a degrading status until arriving to the solid, resistant and wrinkled support.
- Before the **Pavigrout Fluid**, application, soak until saturation and apply when the surface is without water.
- On structural reparations and with the armor appearance, sanitize with sandblast, eliminate the dust and cover with anti-corrosion mortar **Pavifer**, let it get dry at least 1 hour.
- Avoid coating application with low temperatures, strong humidity, rain... In the following hours to the mortar, application increases the carbonation efflorescence appearance risk.

Usage way

*Projected with machine:

Mix the mortar with 13-14% clean water approximately.

*Manual kneading:

Mix a **Pavigrout Fluid** (25kg) sack with 3-4 clean water liters until obtaining a homogeneous mass.

* In zones where the iron armor appears, clean and apply anti-corrosion mortar **Pavifer**, let it get dry at least 1 hour.

* Place the formwork boxes ready for the **Pavigrout Fluid** injection.

* Final finish aspect.

Associated products

- *Pavifer
- *Pavigrout-R4
- *Pavigrout-R3
- *Pavigrout-R2
- *Grout fluid



Packaging

25 kg sack
1200 kg pallet (48 sacks)

Colors

Grey

Consumption

±1.4 kg/m² and mm thickness

Preservation

In the closed original container and sheltered from outdoors and humidity: 1 year

⚠ IMPORTANT

The observations and prescriptions of this data sheet, although corresponding to our best experience, should be considered, in any case, purely indicative, and should be tested by exhaustive practical applications; therefore, before using the product, the user must establish whether or not it is suitable for the intended use, and assumes all liability that may arise from its use. Once the product has been handled or applied, the manufacturer shall not assume any claim whatsoever, nor any liability as to the manner, mode and conditions of application.