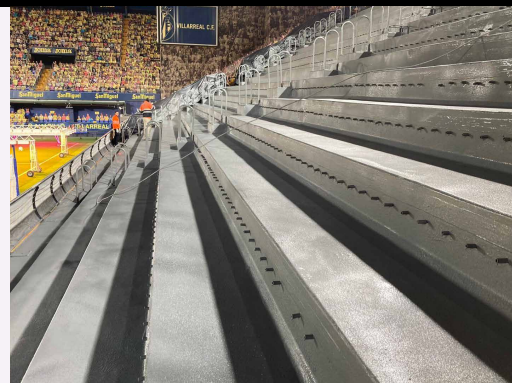


Grout fluid 100/70/60

Expansive fluid mortar for anchorings and filling

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 must 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 **Grout – 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 **Grout - fluid** has been applied, it must be protected from the sun, wind ...

Characteristics

- Mixture life: 45 - 60 min. (20°C)
- Application thickness: 40 - 60 mm
- Opening time: >30 min.
- Start of setting: 90 – 150 min.

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

Performances

Mixing water (in laboratory)

- **GROUT 100:** 10%
- **GROUT 70:** 9/10%
- **GROUT 60:** 8%
- Apparent dust density: 1.4 g/cm³
- Mass density: 1.7 g/cm³
- Adherence for traction: ≥ 0,6MPa

Resistance to compression (28 days)

- **GROUT 100:** ≥95 N/mm²
- **GROUT 70:** ≥70 N/mm²
- **GROUT 60:** ≥60 N/mm²
- Chloride's determination: 0,05%
- Elasticity module in compression: ≥15 GPa
- Frost-thaw with salt immersion: >5 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

- Filling by pouring under support and distribution plates.
- Filling of rigid joints between conventional and precast concrete elements.
- Anchors of metal elements (reinforcements, bolts, machinery...), metal and concrete posts.
- Supports of bridges and cranes, by casting under plates.

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 irons appear, 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 **Grout - fluid** over smooth concrete supports (before applying, milling and opening pore).
- Eliminate the deteriorated concrete, with possible release until obtaining a solid support.
- For refills superior to the indicated, add gravel maximum (6-12mm.) in proportion 2 to 1 gravel.

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Execution conditions

The supports must 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 **Grout – fluid**, application, wet until saturation and apply when this free of water.

On structural reparations and with the armor appearance, clean 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 after application, the risk of appearance of carbonation efflorescence increases.

Usage way

Projected with machine:

- **GROUT 100:** 10% clean water
- **GROUT 70:** 9/10% clean water
- **GROUT 60:** 8% clean water

Manual kneading:

Mix a 25 kg bag with clean water until a homogeneous mixture is obtained.

- **GROUT 100:** ±2,5 l. clean water
- **GROUT 70:** 2 – 2,5 l. clean water
- **GROUT 60:** ±2 clean water



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

Associated products

- Pavifer
- Pavigrout-R4
- Pavigrout-R3
- Pavigrout-R2
- Pavigrout-fluid

! 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.



Packaging

25 kg sack
1200 kg pallet (48 sacks)

Color

Grey

Consumption

±1.4 kg/m² and mm. thickness

Preservation

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

Final finish aspect



GREY