

# Pavi Traffic

Expanding flowable mortar for anchoring, filling and traffic

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



## Product

- Suitable for concrete screeds
- Injectable - pumpable
- Controlled shrinkage mortar
- High immediate strength
- Fibre reinforced
- Suitable for road traffic

## Observations

- At low temperatures, water must be used at a temperature above 18°C.
- In very hot weather, do not expose the material to the sun and use cold water for mixing.
- Do not add any additives to the mortar.
- Do not apply **Pavi traffic** on plaster or painted surfaces.
- Do not add water when the mass starts the setting process.
- Do not apply where water can remain stagnant.
- Once the **Pavi traffic** has been poured, it must be protected from the sun, wind...

## Characteristics

- Pot life: 45 - 60 min. (20°C)
- Thickness of application: 40 - 60 mm
- Open time: >30 min.
- Start of setting: 30 min.
- Waiting time for traffic: 4 hours

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

## Performances

- Mixing water (in laboratory): 10%.
- Bulk density in powder: 1.4 g/cm<sup>3</sup>
- Bulk density: 1.7 g/cm<sup>3</sup>
- Tensile adhesion: ≥0.6 MPa
- Compressive strength 28 days: ≥45 N/mm<sup>2</sup>
- Chloride determination: ≤0,05%.
- Modulus of elasticity in compression: ≥15 GPa
- Freeze-thaw with salt immersion: ≥5 Mpa
- Capillary absorption : ≤0.5 kg /(m<sup>2</sup>xh<sup>05</sup>)
- Fire behaviour: A1 euroclass

*\* These results were obtained under standard conditions and may vary depending on the installation.*

## Enforcement

- Filling by pouring under support and distribution slabs.
- Filling of rigid joints between conventional and precast concrete elements.
- Anchoring of metal elements (reinforcement, bolts, machinery, etc.), metal and concrete posts.
- Bridge and crane supports, by casting under slabs.
- Rapid repair of holes, potholes and grooves in concrete pavements.
- Horizontal and slope repairs.

## Supports

- On cementitious base such as concrete, concrete block, resistant mortars.
- In interiors and exteriors.

## Recommendations

- Application temperatures 10 -30°C.
- The percentage of water may vary depending on the mixer used.
- In areas where iron reinforcement appears, clean with sandblast or wire brush, cover with **Pavifer** anti-corrosion mortar and allow to dry for at least 1 hour.
- Do not apply **Pavi traffic** on smooth concrete substrates (first roughen and open pores).
- Remove the deteriorated concrete, with possible detachment until a solid substrate is reached.
- For fillings higher than indicated, add gravel maximum (6-12mm.) in proportion 2 to 1 of gravel.

# Pavi Traffic

Expanding flowable mortar for anchoring, filling and traffic

## Execution conditions

The substrates must be healthy, stable and resistant, free of dust, plaster, paint, etc. Eliminate deteriorated concrete and in a state of degradation, until the substrate is solid, resistant and rough.

Eliminate deteriorated concrete and in a state of degradation, until the support is solid, resistant and rough.

Before applying **Pavi traffic**, wet to saturation and apply when the surface is free of water.

In all cases, on new or old substrates and compression > 25 N/mm<sup>2</sup>, mill the surface layer until the aggregate appears, to ensure adhesion, apply F-300.

In structural repairs and with the appearance of the reinforcement, sandblast, remove dust and cover with **Pavifer** anti-corrosion mortar, leave to dry for at least 1 hour.

Avoid applying the filler at low temperatures, high humidity, rain... In the hours following the application of the mortar, the risk of efflorescence due to carbonation increases.

## Usage Way

### Projected with machine:

Mix the mortar with 13-14% clean water.

### Manual kneading:

Mix a 25 kg bag with 2.5 litres of clean water to a homogeneous mass.



*\*In areas where reinforcing iron appears, clean and apply **Pavifer** anti-corrosion mortar, allow to dry for at least 1 hour.*



*\*Placing the formwork boxes prepared for the injection of the **Pavi traffic**.*

*\*Final finish appearance.*

## Related products

- Pavifer
- Pavigrout-r4
- Pavigrout-r3
- Pavigrout-r2

## ⚠ IMPORTANT

The remarks and prescriptions in this data sheet, although corresponding to our best experience, should in any case be considered 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.



### Presentation

25 kg sack  
1200 kg pallet (48 bags)

### Colour

Grey - Black

### Consumption

±1.4 kg/m<sup>2</sup> and mm thick

### Conservation

In sealed original packaging, protected from weather and humidity: 1 year