

# Pavifluid®

## Fluid mortar for floor renovation and decoration

Hydraulic binders, micronized quartz sand, mineral pigments, additives and glass fibers.



### Product

- Frost-thaw resistant
- Colored continuous and decorative pavement
- Finished from 10 to 15 mm.
- Road traffic and pedestrian traffic
- Indoors and outdoors
- Bombeable

### Observations

- Do not add any additive to the mortar.
- On porous surfaces moisten before applying the product.
- Treat the singular zones (fissures...) with metallic mesh or glass fiber.
- The drying time will oscillate depending on the ambient temperature and existing humidity.
- Do not incorporate more water to the mixture than the recommended one, as it would alter the settings and the performances.
- Do not apply over mortar in calcium sulfate base or lime base.

### Characteristics

- Mixture life: 40-50 minutes
- Let rest: 2 min
- Open time: 20-30 minutes
- Thickness (finish): 10 and 15 mm.
- Dry time: from 5 to 6 hours
- Commissioning: from 24 to 36 hours

\* These times are contemplated at 20°C, and they can considerably oscillate depending on the ambient temperature.

### Performances (10 mm)

- Kneading water (in laboratory): 14%
- Compression resistance:  $\geq 20$  N/mm<sup>2</sup>
- Bending resistance:  $\geq 6$  N/mm<sup>2</sup>
- Wear resistance:  $\leq 21$  N/mm<sup>2</sup>
- Adherence to support: 1,8 N/mm<sup>2</sup>
- Impact resistance, UNE-EN 12633:
  - \*\*Height of fall: >1500 mm
  - \*\*Value IR: IR=14,7 N·m
- CTE slip resistance: Class 3
- Behavior against fire: A1 euroclass
- Designation EN 13813: CT- C20- F6- A21

\*\* These results are from standard essays and they can oscillate depending on the workplace conditions.

### Enforcements

- Fluid and colored mortar, high performance and fast setting for soils renovation, fit for pedestrian and road traffic.
- Frost-thaw resistance
- Floor reparation
- Over concrete with compression  $> 20$  Nmm<sup>2</sup>.

### Supports

- Concrete, mortar, ceramic, marble...

### Thicknesses

- 10 to 15 mm (finished).
- Until 40 mm (as screed).

### Finishes

- Stamping, smooth, troweled or striped.

### Recommendations

- Application temperatures 5°C to 25°C,
- measured on the pavement.
- Respect always the same water percentage.
- The water percentage can oscillate depending on the used mixer.
- Do not add water to the product after the kneading.
- Respect the perimeter joints (min. 5 mm) the expansion joint and retraction joints with a cutting or the decorative joint.
- Do not apply with direct insolation, strong wind...

### Execution conditions

- The existing support has to be resistant and its setting has to be complete. It must be without dust, paintings, oils...
- On nonabsorbent supports, mill, vacuum and apply the system **Pavex primer**.
- Always, over new concrete (setting  $> 28$  days) or old concrete with compression  $> 20$  N/mm<sup>2</sup> (measured at the workplace), mill the superficial coat until the arid appearance, vacuum and apply the system **Pavex primer**.
- On old concretes, mill until the arid appearance, vacuum and reinforce with **Silicate** hardener.
- Do not apply **Pavifluid** over very deteriorated or fissured concretes.
- Do not apply **Pavifluid** over surfaces exceeding 25°C measured over the pavement.
- Outdoors, do not apply with direct insolation, wind, rain risk or frost-thaw possibility.

# Pavifluid®

Fluid mortar for floor renovation and decoration

## Usage way

- **Kneading with pumping:**

14-16 % water

- **Manual kneading:**

A 25 kg sack with ± 3,5 clean water liters until obtaining a homogenous mass without lumps.

Apply the desired thickness and smooth with the adequate tool.

For stamping finish, sprinkle **Despi** and texture with the selected molds.

After 24 hours approx., eliminate the release agent with pressure water.

Once the pavement is dry and without humidity < 4%, apply 1- 2 **Orfapol 50** or **Racly-2** pass.

*\* These times can oscillate depending on the ambient temperature.*

**\*\* Important:** always perform a previous essay with the water percentage to be used in production afterwards

## Associated products

\*Pavex primer system

\*Silicate hardener

\*Despi

\*F-300

\*Racly-2

\*F-250

\*Orfapol-50



### Packing

25 kg paper sacks  
1200 kg pallet (48 sacks)

### Colors

Pavistamp colors chart  
(others on demand)

### Consumption

±2 kg/m<sup>2</sup> and mm thickness

### Preservation

In original closed container, and sheltered from outdoor and humidity: 1 year

## ⚠ IMPORTANT

The observations and prescriptions of this technical sheet, even corresponding to our best experience, should 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 it must establish whether it is suitable for the intended use, and assumes any responsibility that may arise from its use. Once the product is handled or applied, the manufacturer will not assume any claim, nor will it be responsible for the form, mode and conditions of application.