

# Pavifluid 150®

## Fluid mortar for filling and leveling

Hydraulic conglomerates, different nature mineral arid with selected grain sizes, organics and inorganics.



### Observations

Not apply:

- Outdoor floors.
- With ambient humidity >85%.
- Over humid floors subjected to continuous humidity rising.
- On degrading, fragile or unstable floors
- Underfloor heating in service;

\*Stop: 24 hours before doing the work.

\*Start-up: 21 days after finishing work,

\*Following the commissioning protocol.

- Over lime base mortars (calcium sulfate).

### Usage characteristics

- Let stand for: 2-3 min.
- Mixture life: 20 - 60 minutes
- Dried to touch: 4 to 8 hours
- Time to sanding: 12 - 48 hours
- Time to coat: 2 to 5 days
- Micro cement resins epoxy...: ≥7 days (maximum humidity for the support <4%)

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

### Performances (10 mm)

- Dust density: 1450 ± 50kg/m<sup>3</sup>
- Paste density: 1950 ± 50kg/m<sup>3</sup>
- Hardened product density: 1.700 ± 1.750kg/m<sup>3</sup>
- Kneading water: 18 % (in laboratory)
- Coat minimum thickness: 30mm
- Compression resistance: ≥15 N/mm<sup>2</sup>
- Bending resistance: ≥3 N/mm<sup>2</sup>
- Behavior against fire: A1 Euroclass

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

### Enforcements

- Fluid conventional mortar with low density, normal setting and compensated retraction for filling and leveling.
- For new construction and rehabilitation.
- For filling, leveling and smoothing thickness differences from 30 - 100 mm.
- Indoor

### Supports

- Concrete, existing pavement, tiles, terrazzo, ceramic...

### Thickness

- From 30 to 100 mm

### Finishes

- Pavicem microcement, paintings, epoxy, carpet, parquet...

### Recommendations

- Application temperatures 5°C to 30°C.
- The water percentage can oscillate depending on the used mixer.
- Do not add any additive to the mortar.
- Use always the same water percentage.
- Respect the minimum thicknesses required according to the supports kinds.
- Respect perimeter joint (min. 5 mm), expansion joint and division joint.
- Treat the singular zones (fissures...) with metallic mesh or glass fiber.

### Execution conditions

- The support must be solid, hard, dry, without dust, disintegrated zones, paintings, oils...
- Over new concrete, its setting must be completed ≥ 28 days and humidity <4%.
- Do not apply over fissured, degrading or with movement possibility concretes...
- On non-absorbent supports (marble, granite...), mill, vacuum and apply **Pavex primer system**.
- In all cases, on new concrete (set > 28 days) or old and compression ≥15 N / mm<sup>2</sup>, milling of concrete, until the aggregate appears and apply the **Pavex primer system** or **F-300**.
- Over cement bases, weak and with no guarantees, mill until the arid appearance, vacuum and reinforce with **Silicate** hardener.
- Respect the perimeter joint, expansion joint, work joint with a cutting or profile placement.
- Compulsories avoid the direct sunlight and air streams during the application and 72 hours after.

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## Usage way

- **Kneaded and transport with pumping:**

18-20 % water

- **Manual kneading:**

1 sack of 25 kg with 4,5 – 5 water liters, until obtaining a homogeneous mass without lumps.

If necessary, use the spiked roll to eliminate the occluded air in the mass and obtain a better leveling.

If required, after the drying takes place the sanding and vacuuming to eliminate possible grouts and guarantee the final coating adherence.

*\* Always perform a previous essay with the water percentage to be used in the production afterwards.*

## Associated products

\*Pavex primer system

\*Silicate hardener

\*F-300

\*F-250

\*Pavicem

\*Epoxy



## Packaging

25 kg sack

1200 kg pallet (48 sacks)

## Colors

Cement grey

## Consumption

18-20 kg / m2 and cm 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.