

Pavifluid-MH®

Fluid micro concrete for renovation of industrial floors

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



Observations

- Do not incorporate any additives into the mortar.
- On porous surfaces moisten before applying the product.
- Treat the singular areas (fissures...) with metal mesh or fiberglass.
- The drying time will vary depending on the existing temperature and humidity.
- Do not incorporate more water into the mixture than recommended, as it would alter the color, setting and performance.
- Do not apply on mortars based on calcium sulfate or lime base.

Characteristics

- Mix life: 40-50 minutes
- Rest time after kneading: 2 min
- Open time: 20-30 minutes
- Thickness (finish): ≥ 10 mm.
- Dry to the touch: 5 to 6 hours
- Commissioning: ≥ 48 hours

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

Performances (10 mm)

- Kneading water (in laboratory): 14%
- Compression resistance: ≥ 20 N/mm²
- Bending strength: ≥ 6 N/mm²
- Adhesion to support: ≥ 1.8 N/mm²
- Impact resistance, UNE-EN 12633:
 - **Drop height: > 1500 mm
 - **IR value: IR=14.7 N·m
- Wear resistance: ≤ 21 N/mm²
- Slip according to CTE: Class 3
- Behavior to fire: A1 euroclass
- Designation EN 13813: CT- C20- F6- A21

*** These results are from standard tests and may vary depending on the conditions of commissioning.*

Applications

- High performance and fast setting colored fluid micro-concrete for the renovation of industrial floors, road traffic, pedestrian...
- Ice-thaw resistant
- Soil repair
- On concrete and compression > 20 Nmm².

Stands

- Concrete, mortar, ceramics, marble.

Thicknesses

- ≥ 10 mm (finish) / Up to 40 mm (as regrowth)

Finishes

- Smooth, fratted, scratched.

Recommendations

- Application temperatures 5°C at 25°C, measured on the pavement.
- Respect always the same water percentage.
- The percentage of water may vary depending on the mixer used.
- Do not add water to the product once kneaded.
- Respect perimeter joint (min. 5 mm) of expansion and retraction by cutting or decorative.
- Do not apply with direct insolation, strong wind...

Conditions of execution

- The existing support must be resistant and set, clean of dust, paints, oils ...
- On soils with rising humidity, apply before, the vapor barrier **Ecopox Cem plus-3C**.
- On supports without absorption, mill, vacuum and apply a primer pass **system Pavex primer**.
- In all cases, on new concrete (set > 28 days) or old and compression > 20 N /mm² (measured on site), mill the surface layer until the arid appears, vacuum and apply a primer pass **system Pavex primer**.
- On old concretes, mill until the arid appears, suck and reinforce with the **Silicate** lighter.
- Do not apply the micro-concrete on very deteriorated or cracked concretes.
- Do not apply on surfaces that exceed those measured on the pavement 25°C
- Outdoors, do not apply with direct heatstroke, wind, risk of rain or possibility of ice-thaw.

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Usage way

- **Kneading:**

By pumping: 14-16% water.

- **Manual kneading:**

1 bag of 25 kg \pm 3.5 liters of clean water, up to obtain a homogeneous mass without lumps.

Let stand and shake before using.

Apply the desired thickness by pumping or manual and smoothing with the appropriate tool.

Once the pavement dry and free of moisture < 4 %, apply 1 - 2 passes of curing liquid **F-300**, **F-250**.

**These times may vary depending on the ambient.*

***Always perform a previous test with the percentage of water to be used later in production.*

Associated products

*Pavex primer system

*Silicate hardener

*Ecopox Cem Plus-3C

*F-300

*F-250



Packaging

25 kg sack

1200 kg pallet (48 sacks)

Color

Pavistamp colors chart
(Others on demand)

Consumption

\pm 2 kg/m² 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.