

# Pavistamp Floor®

## Colored and decorative self-leveling mortar

Cement, reconstituted stone, quartz sands, fibers, mineral additives.



### Product

- For industrial use
- Commissioning very fast
- Thicknesses from 3 - 15 mm, in each point.
- Colors chart
- Indoors

### Observations

Do not apply:

- In outdoor floors.
- With ambient humidity >85%.
- Over wet floors subjected to continuous humidity rising.
- 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).

### Characteristics

- Kneading time: 2-3 minutes
- Let rest: 2 minutes
- Mixture life: 25-30 minutes
- Start of setting: ±45 minutes
- Dry the touch: 4-5 hours (20°C)
- Passable (pedestrian): > 8 hours
- Time to seal: **F-300, water epoxy**: ≥24 hours
- Time for seal: **Orfapol 50, epoxy resins 100% solids**: > 7 days and humidity < 4%.
- Tiling, carpet, parquet: < 4 % humidity
- Solvent base resins from 7 days on with humidity < 4 %.

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

### Performances (10 mm)

- Kneading water (in laboratory): 20 %
- Bending resistance (28 days): ≥8 N/mm<sup>2</sup>
- Compression resistance (28 days): ≥30 N/mm<sup>2</sup>
- Wastage UNE-EN 13748-1: ≤21 mm
- Adherence over concrete: ≥1 N/mm<sup>2</sup>
- Adherence over ceramic support: ≥0,9 N/mm<sup>2</sup>
- Impact resistance, UNE-EN 12633;
  - \*\*Drop height: >1500 mm
  - \*\*IR value: IR=14.7 N-m
- Behavior against fire: A1 euroclass
- Designation: EN 13813: CT- C30- F8- A21

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

### Enforcements

- Colored self-leveling mortar for indoors floors reparation, leveling and decoration in new construction or rehabilitation.
- For floors requiring a high planimetry.
- Light traffic and moderated heavy traffic
- Ideal to be covered with micro cement, epoxy coatings, polyurethane.
- Indoors

### Supports

- Concrete or mortar with compression resistance >25 N/mm<sup>2</sup>
- Over supports with humidity <4%.

### Thicknesses

- Advisable 3-15 mm, in each point.

### Finishes

- **Epoxy, F-300, Orfapol-50**, micro cement, **F-250**.

### Recommendations

- Application temperatures 10°C to 30°C.
- The percentage of water may vary according to the mixer used.
- Always respect the same percentage of water during mixing.
- Do not add any additive to the mortar.
- Respect the minimum thicknesses required according to the type of substrate.
- Respect the perimeter joint (min. 5 mm), expansion and fractionation joints.
- Do not apply in direct sunlight and air currents.

### Execution conditions

- The support must be solid, hard, dry, without dust, disintegrated zones, paintings, oils...
- Do not apply over fissured, degrading or with movement possibility concretes ...
- In all cases, on new concrete (set> 28 days) or old and compression> 25 N / mm<sup>2</sup>, mill the surface layer until the aggregate appears and apply the **Pavex primer system**.
- On supports without absorption (marble, granite ...), mill, vacuum and apply the **Pavex primer system**.
- On weak cementitious bases and without guarantees, mill until the aggregate appears vacuum and reinforce with Silicate hardener until obtaining the desired resistance.
- If necessary, before pouring apply 1-2 passes of primer **F-300**.
- Respect the expansion joints, work, by cutting or placement of profile.
- Mandatory avoid direct sunlight and drafts during and 72 hours after application.

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## Usage way

- **Kneading and transport with pumping:**

20-22 % water.

- **Manual kneading:**

A (25 kg) sack with 5 - 5,5 water liters, until obtaining a homogeneous-mass without lumps. Let stand and knead.

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

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

\*Silicate hardener

\*Pavex primer system

\*F-250

\*F-300

\*Micro cement

\*Orfapol-50

\*Epoxy



## Packaging

25 kg sack

1200 kg Pallet (48 sacks)

## Colors

Pavistamp color chart  
(others on demand)

## Consumption

16-18 kg/m<sup>2</sup> 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.