

# Pavistamp Floor Design®

## High decoration self-leveling

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



### Product

- For high decoration.
- Very fast start-up.
- Thicknesses of 3-12 mm, in all points.
- Range of colors.
- In interiors.

### Observations

Do not apply:

- On exterior floors.
- With humidity > 85%.
- On wet floors subject to continuous lifts of humidity.
- On degraded soils, fragile or unstable.
- Underfloor heating in service;
  - \*Stop: 24 hours before doing the work.
  - \*Start-up: 21 days after finishing work,
  - \*Following the commissioning protocol.
- On lime-based mortars (calcium sulphate).

### Characteristics

- Kneading time: 2-3 minutes
- Resting time before application: 2 minutes
- Dough life : 25-30 minutes
- Start of setting:  $\pm 45$  minutes
- Dry to touch: 4-5 hours (20°C)
- Walkable (pedestrian): > 8 hours
- Time to seal, with polyurethane resins: > 7 days and humidity < 4%.
- Tiling, carpet, parquet: < 4% humidity.
- Solvent-based resins: > 7 days and humidity < 4 %.

*\*These results are contemplated at 20°C and may vary considerably depending on the ambient temperature.*

### Performances (10 mm)

- Mixing water (in the laboratory): 20%
- Recommended thickness: 3-12 mm
- Resistance to bending (28 days):  $\geq 8$  N / mm<sup>2</sup>
- Compressive strength (28 days):  $\geq 30$  N / mm<sup>2</sup>
- Wear UNE-EN 13748-1:  $\leq 21$  mm
- Adhesion on concrete:  $\geq 1$  N / mm<sup>2</sup>
- Adhesion on ceramic support:  $\geq 0.90$  N / mm<sup>2</sup>
- Resistance to impact, UNE-EN 12633;
  - \*\* Fall height: > 1500 mm
  - \*\* IR Value: IR = 14.7 N m
- Fire behavior: A1 euroclass
- Designation: EN 13813: CT- C30- F8- A21

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

### Enforcements

- Colored self-leveling mortar for the decoration of interior floors in new construction or rehabilitation.
- For floors where a high level of flatness is required.
- Light and moderate heavy traffic.
- It can be coated with epoxy, polyurethane coatings...
- In interiors.

### Support

- Concrete or mortar, with compressive strength >25 N/mm<sup>2</sup>.
- On substrates with humidity <4%.

### Finishes

- **Orfapol-50, Orfapol colorless, epoxy resins.**

### 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 incorporate any additive to the mortar.
- Respect the minimum thicknesses required according to the type of substrate.
- Respect, perimeter joint (min. 5 mm), expansion and fractionation joints.
- Do not apply in direct sunlight and air currents.

### Conditions of execution

- The support must be solid and hard, dry, free of dust, disintegrated areas, paints, oils...
- Do not apply on cracked concrete, degraded or with possibility of movements...
- In all cases, on new concrete (hardened >28 days) or old concrete with a compressive strength >25 N/mm<sup>2</sup>, mill the surface layer until the aggregate appears, vacuum and apply the **Pavex primer system**.
- On supports without absorption (marble, granite...), mill, vacuum and apply the **Pavex primer system**.
- On weak cementitious bases without guarantees, mill until the aggregate appears, vacuum and reinforce with **Silicate** hardener, until the desired resistance is obtained.
- If necessary, before pouring, apply 1-2 coats of quick primer **F-300**.
- Respect the expansion joints, working joints, by cutting or placing a profile.
- Avoid direct sunlight and drafts during and 72 hours after application.

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## Usage way

- **Kneading and transport by pumping:**

20-22 % of water.

(During pouring, place a mesh at the end of the hose to prevent lumps).

- **Manual kneading:**

1 sack (25 kg) with 5-5.5 liters of water, until obtaining a homogeneous mass without lumps.

Once kneaded and before pouring, pass the product through a sieve or similar and thus avoid the presence of lumps.

If it is necessary to use the barbed roller to eliminate the air occluded in the dough and get a better leveling.

If required, after drying proceed to sanding and vacuuming the entire surface to eliminate possible slurries and ensure adhesion of the final coating.

**\* Important:** Always perform a preliminary test with the percentage of water to be use subsequently in production.

## Associated products

- \* Pavex primer system
- \* Silicate
- \* Orfapol colorless
- \* Orfapol-50
- \* Epoxy resin



### Packaging

25 kg sack  
1200 kg pallet (48 sacks)

### Colors

56 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.