

Pavistamp Floor-HD®

Colored self-leveling mortar resistant to salts

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



Product

- Excellent behavior to freeze-thaw deglazing with salts.
- High resistance mortar.
- Road and pedestrian traffic.
- Decorative finishes.

Observations

Do not apply

- On exterior floors.
- With ambient humidity >85%.
- On wet soils subject to continuous humidity rises.
- On degraded, fragile or unstable floors.
- On underfloor heating in service (stop heating 24 hours before and start up at least 21 days after completion of the work, gradually following the start-up 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: ±45 minutes
- Dry to touch: 4-5 hours
- Walkable (pedestrian): > 8 hours
- Time to seal **F-300, F-250, Water repellent 6772**: >24 hours and humidity <4%.
- Tiling, carpet, parquet: < 4 % humidity.

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

Performances (10 mm)

- Mixing water (in laboratory): 20 %.
- Flexural strength (28 days): ≥8 N/mm²
- Compressive strength (28 days): ≥ 30 N/mm²
- Wear resistance: ≤21 mm
- Adhesion to concrete : ≥1 N/mm²
- Adhesion on ceramic substrate: ≥0.9 N/mm²
- Impact resistance, UNE-EN 12633;
 - **Falling height: >1500 mm
 - **IR value: IR=14,7 N-m
- Fire behavior: A1 euroclass A1 euroclass.
- Designation: EN 13813: CT- C40- F10- A22

** Estos resultados son de ensayos estándar y pueden variar en función de las condiciones de puesta en obra.*

Enforcements

- Colored self-leveling mortar resistant to salts, for the repair, leveling and decoration of interior floors in new construction or rehabilitation.
- For floors where high flatness is required.
- Light and moderate heavy traffic.
- Suitable to be coated with epoxy resins, water-based...
- In interiors.

Supports

- Concrete or mortar, with compressive strength >25 N/mm².
- On substrates with humidity <4%.

Thickness

- Recommended 3-15 mm, at all points.

Finishes

- **Water repellent-6772, F-300, F-250...**

Enforcement tips

- 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.

Execution conditions

- 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...
- On supports without absorption (marble, granite...), mill, vacuum and apply the **Pavex primer system**.
- In all cases, on new concrete (hardened >28 days) or old concrete with a compressive strength >25 N/mm², mill the surface layer until the aggregate appears 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 the desired hardness is achieved.
- Respect the dilatation joints, of work, by means of cut or placement of profile.
- Avoid direct sunlight and air currents during and 72 hours after application.

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Usage way

- **Amasado y transporte por bombeo:**

20-22 % de agua.

- **Amasado manual:**

1 saco de 25 kg con 5 - 5,5 litros de agua, hasta obtener una masa homogénea y sin grumos. Dejar reposar y reamasar.

Si es necesario utilizar el rodillo de púas para eliminar el aire ocluido en la masa y conseguir una mejor nivelación.

En caso de que se requiera, tras el secado se procede al lijado y aspirado de toda la superficie para eliminar posibles lechadas y garantizar la adherencia del revestimiento final.

** Siempre realizar un ensayo previo con el porcentaje de agua que se va a utilizar posteriormente en producción.*

Associated products

*Pavex primer system

*Silicate hardener

*Water repellent-6772

*F-250

*F-300



Packaging

25 kg paper sacks
1200 kg Pallet (48 sacks)

Colors

Pavistamp color chart

Consumption

16-18 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 data sheet, although corresponding to our best experience, should be considered, in any case, purely indicative, and should be tested by exhaustive practical applications; therefore, before using the product, the user must establish whether or not it is suitable for the intended use, and assumes all liability that may arise from its use. Once the product has been handled or applied, the manufacturer shall not assume any claim whatsoever, nor any liability as to the manner, mode and conditions of application.