

PAVIMIX FF



PAVIMIX FF 200 PAV10

CT
C30
F7 A6

CE
EN 13813

ITEM SPECIFICATIONS

Self-leveling colored mortar for flooring. High adherence, low elastic modulus, wear resistant, high workability, based on cement and special hydraulic binders, class CT C30 F7 A6.

TECHNICAL CHARACTERISTICS

PAVIMIX FF 200 is a self-leveling mortar, hybrid cement-resin and quartz, one-component, with high mechanical performance with very high adhesion strength and strong surface resistance. The FF symbol indicates the possibility of using for both floors and pieces of furniture, pleasant-looking, both glossy and matte, shrinkage-free, with great aesthetic value.

THE PRODUCT



FOR FLOOR



PACKS OF 25 KG



FOR INDOOR & OUTDOOR



PACKS OF 20 KG



CEMENT BASED



PACKS OF 14 KG



FLUID MORTAR



PACKS OF 10 KG



WATER-REPELLENT



MECHANICAL MIXING



TO BE APPLIED AT TEMPERATURE FROM 5°C TO 35°C



TO BE APPLIED WITH NOTCHED TROWEL



COLOURED VERSION AVAILABLE



TO BE APPLIED WITH RUBBER SQUEEGEE



USE PERSONAL PROTECTIVE EQUIPMENT

HIGH ELASTICITY AND GOOD DEFORMABILITY

PAVIMIX FF 200 is a mortar with high content of polymers, which gives it a high adhesion on difficult substrates and allows it to resist excellently to mechanical stress, even by heavy vehicles. On average it is able to be deformed by 15% before cracking.

ABRASION RESISTANCE

The use of highly resistant cements, additives with self-compacting action and spherical quartz with high hardness give PAVIMIX FF 200 very high resistance to abrasion which be caused by sliding, rolling or peak load, and make it the ideal product for flooring also in case of intense heavy traffic. PAVIMIX FF 200 was designed to be applied on large surfaces without need for joints.

AESTHETIC

The range of cement-based flooring PAVIMIX FF 200 represents the spearhead of finishes for horizontal surfaces as regards the aesthetic. Applied at a thickness of at least 3 mm, it has a perfectly smooth surface, with satin effect, extremely pleasant to the touch and with material texture consistency.

- decorative self-leveling mortar
- for very high quality flooring
- high mechanical performance
- waterproof
- for indoors & outdoors
- fluid, easy to lay, washable
- thickness from 3 to 10 mm

AREAS OF APPLICATION

INTERVENTIONS

- Excellent for flooring indoors and outdoors.
- Ideal for civil, commercial and industrial use, with heavy traffic areas, resistant to thermal changes and frost-proof.
- Ideal for realizing floors in schools, gyms, offices, warehouses and cold stores, or substrates for flooring in agro-industries, dairies, oil mills, slaughterhouses.
- Can also be use for overlaying on tiles.
- Good aesthtetics and colour rendering.

SUBSTRATES

- Cementitious and ready-to-use screeds, prefabricated or cast in situ concrete, aerated concrete, underfloor heating.
- Excellent on cementitious waterproofings
- Good for overlaying on cement-based chips
- Even good on gypsum-based screeds if first treated with EMULSIONMIX.

DO NOT USE

- on glazed, resin or cement-based tiles, stoneware, plasterboard, on epoxy or flexible primers, on fiber cement, on metallic surfaces, on rubber, PVC, wood, linoleum, insulating films, non cementitious waterproof membranes

LAYING

The substrate must be consistent, cured and free from dust, oil, grease or parts not properly anchored to the substrate. It must be properly planar otherwise it should be smoothed with a sander with coarse grinding wheel. If you need to perform concrete castings, these should be trowelled to remove the excess of water on surface.
NB: In all cases, you have to pass the day before a coat of pure EMULSIONMIX.

On the ready substrate, before applying the product, remix and cast PAVIMIX FF 200 enlarging the mortar using a steel trowel, a rubber spatula or a spiked roller. During the laying, you must be careful to let a uniform thickness for every layer. In the case of very irregular substrates we recommend to apply 2 layers of material: the first one will help to level the roughnesses.

PREPARATION



APPLICATION



COMPLY WITH THE STANDARD

EN 13813 CT C30 F7 A6

INDICATIVE DATA OF THE PRODUCT

Color/consistency: colorful/powder

Solid content %: 100

Bulk density kg/l: approx. 1,6

Hazard classification according to 1999/45/EC: irritant
important to carefully read the instructions contained in this form, on pack and on Safety Data Sheet

Storage: 6 months in dry and ventilated environment

Packaging: 25 kg

Custom code: 3824 50 90

VALUES OF THE FINAL PERFORMANCE

Compression strength after 28 days (EN 13892-2): ≥ 30 N/mm²

Flexural strength after 28 days (EN 13892-2): ≥ 7 N/mm²

Adhesive strength on concrete after 28 days (EN 13892-8): ≥ 2 N/mm²

Abrasion resistance (EN 13892-3) cm³/50 cm²: A6

Shrinkage (mm/m): $\approx 0,4$

Resistance to solvents: excellent

Resistance to oils: excellent

Resistance to alkalis: excellent

Resistance to acid: mediocre

VALUES AND APPLICATIVE INFORMATION (AT 23°C AND 50% R.H.)

Water used for mixing: add $\approx 20\%$ of water on a part of PAVIMIX FF 200

Pot life: 30 minutes

Consumption: 1,8-2 kg/m² per mm of thickness

Complementary products: EMULSIONMIX - ISOLPLANO

Application temperature: + 5°C / + 35° C

Start setting time: ≈ 60 minutes

Fluidity or spreading
ring 30 x 50 mm (EN 12706): ≈ 140 mm

Set to light foot traffic: 20 hours

Ready to use: 7 days

PH of the mixture: ≈ 12



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WARNING

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The requirements and the guidelines herein are to be considered purely indicative and corresponding to our everyday best experience. We therefore recommend carrying out the tests in order to verify that the product corresponds to what is actually required and expected. We, as producers, do not assume any responsibility about how, when and where our products are applied except for the constant quality of the material.