



PAVIMIX 60 COLOR PAV19

CT
C40
F7 A6

CE
EN 13813

ITEM SPECIFICATIONS

Self-leveling pre-mixed colored mortar for flooring. High performance, wear resistant, high workability, based on cement and special hydraulic binders, class CT C40 F7 A6.

TECHNICAL CHARACTERISTICS

FLUIDITY, ANTI-SEGREGATION AND SELF-LEVELING
PAVIMIX 60 COLOR is extremely fluid and self-leveling. PAVIMIX 60 COLOR presents a specific addition for control of dispersion and wettability of pigments such as to confer an excellent color rendering and very low efflorescence. Its chemical formula is designed to resist to segregation at fresh state. Thanks to its high fluidity, it can be laid with rubber squeegee or with a trowel.

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 10°C TO 30°C



TO BE APPLIED WITH NOTCHED TROWEL



COLOURED VERSION AVAILABLE



TO BE APPLIED WITH RUBBER SQUEEGEE



USE PERSONAL PROTECTIVE EQUIPMENT

ABRASION RESISTANCE

The use of high resistance cements, self-compacting additives and high hardness spherical quartz give to PAVIMIX 60 COLOR extremely high abrasion resistance, even if this is due to friction, rolling or peak load. This feature makes it the ideal product, even in case of floors subject to heavy and intense traffic.

PAVIMIX 60 COLOR has been designed to be applied on wide surfaces without using closed joints, and with high resistance to abrasion. It does not present any problem of shrinkage, bending and curling but allows you to make wide monolithic surfaces safe and durable.

NO STAIN-PROOF

- colorful
- self-leveling for driveways
- high performance
- for industrial flooring
- water-repellent
- absence of efflorescence
- fluid, easy to lay, washable
- thickness from 3 to 10 mm

* available on request

AREAS OF APPLICATION

INTERVENTIONS

- Excellent for flooring indoors and outdoors.
- Ideal for civil, commercial or industrial use, for heavy traffic areas, resistant to thermal shocks and frost.
- 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 used in overlaying.

SUBSTRATES

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

DO NOT USE

- on glazed or resin tiles, stoneware, plasterboard, on epoxy or flexible primers, on fiber cement, metallic surfaces
- on rubber, PVC, wood, linoleum, insulating films, on not cementitious waterproofing membranes
- on natural stones subject to movements in presence of dampness and on substrates subject to continuous rising damp

SUBSTRATE PREPARATION

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.

LAYING

Add 50% of the water needed to the powder and mix with a drill helix. When it has become a homogeneous paste, add the rest of the water, to avoid the formation of lumps. Let stand 10 minutes, then mix again and cast it on the substrate, spread the mortar with a trowel. Do not exceed the dilution indicated because the product is self-leveling and excess water increases the risk of segregation.

On the ready substrate, before applying the product, remix and cast PAVIMIX 60 COLOR enlarging the mortar using a steel trowel, a rubber squeegee 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 roughness.



APPLICATION



APPLICATION

COMPLY WITH THE STANDARD

EN 13813 CT C40 F7 A6

INDICATIVE DATA OF THE PRODUCT

Color/consistency: white-colorful/powder

Solid content %: 100

Bulk density kg/l: approx. 1,4

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 FINAL PERFORMANCE

Compression strength after 28 days (EN 13892-2): ≥ 40 N/mm²

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

Adhesive strength on concrete after 28 days (EN 13892-8): $\geq 2,5$ N/mm²

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

Abrasion resistance (EN ISO 5470)

Taber abrader (CS17 disk - 1,000 g - 500 rpm): $< 0,6$ g

Abrasion resistance (EN ISO 5470)

Taber abrader (CS17 disk - 1,000 g - 3,000 rpm): $< 1,0$ g

Shrinkage (EN 13454-2) (mm/m): $\approx 0,4$

Resistance to solvents, oils, alkalis: excellent

Resistance to acid: mediocre

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

Water used for mixing: add approx. 24% of water on a part of PAVIMIX 60 COLOR

Pot life: 20 minutes/40 minutes
(depending on temperature)

Consumption: 2 kg/m² per mm of thickness

Complementary products: ISOLPLANO - EMULSIONMIX

Application temperature: + 10°C /+ 30°C

Setting time: ≈ 60 minutes

Set to light foot traffic: 12 hours

Ready to use: ≈ 3 days

PH of the mixture: ≈ 12

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



Personal Factory s.p.a. IT03062550797
viale F. Ceniti 101 - 89822 Simbario - Italia

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.