



# PAVIMIX 40 PAV01



## ITEM SPECIFICATIONS

Self-leveling mortar for substrate flooring. Wear resistant, fast setting and high workability, based on cement, class CT C30 F6 A9.

## TECHNICAL CHARACTERISTICS

**FLUIDITY, ANTISEGREGATION AND SELFLEVELING**  
PAVIMIX 40 is extremely fluid and self-leveling. Its chemical formula is designed to resist segregation at fresh state. Thanks to its high fluidity, it extends without the use of mechanical vibrations, but only thanks of its own weight or with the use of a squeegee.

### INITIAL RESISTANCE

Thanks to its composition, PAVIMIX 40 has, after hardening, a good flexibility and high resistance that will permit using it for flooring in industrial environment where there is a low/medium traffic. In the recommended thickness of about 4 mm, it excellently resists to weight and wear of industrial vehicles.

### IDEAL AS A SUBSTRATE

PAVIMIX 40 is a product with a quick commissioning, ideal as a substrate for leveling with low thickness before applying NANOSTUCCO, linoleum, etc.

### NO STAIN-PROOF

## THE PRODUCT



FOR FLOOR



PACKS OF 25 KG



FOR INDOOR



PACKS OF 20 KG



CEMENT BASED



PACKS OF 14 KG



FLUID MORTAR



PACKS OF 10 KG



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



MECHANICAL MIXING



TO BE APPLIED WITH NOTCHED TROWEL



TO BE APPLIED WITH RUBBER SQUEEGEE



USE PERSONAL PROTECTIVE EQUIPMENT

\* available on request

- self-leveling
- good price/performance ratio
- for industrial flooring
- for indoors
- for warehouses with medium traffic
- fluid, easy to lay, washable
- thickness from 3 to 10 mm

## AREAS OF APPLICATION

### INTERVENTIONS

- Excellent for flooring indoors.
- Ideal for civil, commercial and industrial use, for traffic areas.
- Ideal for realizing floors in schools, gyms, offices, warehouses and cold stores, or substrates for flooring in agro-industries, dairies, oil mills, slaughterhouses.

### SUBSTRATES

- Cementitious and ready-to-use screeds, prefabricated or cast on site concrete, aerated concrete, underfloor heating.
- Good with cementitious waterproofings and gypsum-based screeds if first treated with EMULSIONMIX.

## DO NOT USE

for swimming pools, for overlaying, on glazed, resin or cement-based tiles, stoneware, plasterboards, on epoxy or flexible primers, on fiber cement, on metallic surfaces, on rubber, PVC, wood, linoleum, insulating films, non cementitious waterproof membranes, with natural stones subject to movements, in presence of dampness and substrates subject to continuous rising damp

## 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, cast it on the substrate and 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.

## 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.

On the ready substrate, before applying the product, remix and cast PAVIMIX 40 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.



APPLICATION OF PRIMER



PARKING

## COMPLY WITH THE STANDARD

EN 13813 CT C30 F6 A9

## INDICATIVE DATA OF THE PRODUCT

Color/consistency: grey/powder

Solid content %: 100

Bulk density kg/l: approx. 1,4

Hazard classification irritant  
according to 1999/45/EC: 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):  $\geq 30$  N/mm<sup>2</sup>

Flexural strength after 28 days (EN 13892-2):  $\geq 6$  N/mm<sup>2</sup>

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

Abrasion resistance (EN 13892-3) cm<sup>3</sup>/50 cm<sup>2</sup>: A9

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

Resistance to solvents: excellent

Resistance to oils: mediocre

Resistance to alkalis: excellent

Resistance to acid: mediocre

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

Water used for mixing: add  $\approx 21\%$  of water on a part of PAVIMIX 40

Working time:  $\approx 20$  minutes

Consumption: 2 kg/m<sup>2</sup> per mm of thickness

Complementary products: ISOLPLANO - EMULSIONMIX

Application temperature: + 10°C /+ 25° C

Start setting time:  $\approx 90$  minutes

Fluidity or spreading  
ring 30x50 mm (EN 12706):  $\approx 140$  minutes

Set to light foot traffic:  $\approx 24$  hours

Ready to use: 7 days

PH of the mixture:  $\approx 12$



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

## WARNING

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.