

PAVILAND® INDUSTRIAL MT

Excellent resistance to impact mortar for industrial floor.



DESCRIPTION

Powder product which, when applied on fresh concrete, it makes a monolithic layer with great resistance to impact. Great resistance to abrasion. And easy to clean. Ideal for industrial building floors and hypermarkets subject to heavy traffic. Resistant to open air. Without dust formation on the surface.

TECHNICAL CHARACTERISTICS

High-strength Portland cement, selected aggregates of quartz, metal minerals and aluminium oxide (corundum), pigments and high purity additives.

ADVANTAGES AND USES

- Excellent resistance against impacts.
- High resistance to abrasion.
- Easy to clean.
- Without dust formation on the surface.
- Flooring in industrial buildings subject to heavy traffic.
- Big surface warehouses.
- Hypermarkets.
- Resistant to open air.

APPLICATION PROCEDURE

- Prepare the substrate with suitable meshes for concrete reinforcement.
- Protect the areas to be cleaned.
- Draw out the desired levels.
- Spread and level the concrete with vibrating trowels or by hand.
- Use the concrete helicopter to open the concrete.
- Sprinkle the wearing layer formed by PAVILAND INDUSTRIAL MT on the fresh concrete.
- Use the helicopter again, homogenising the wearing course, until it is completely smooth and hardened. It is not advisable to add extra water to achieve perfect hydration of PAVILAND INDUSTRIAL MT as this may reduce the mechanical strength.
- The surface layer must be protected from drying too quickly, avoiding dehydration of the mortar, especially in conditions of high temperature and/or strong wind, recommending the use of protection and/or curing resins from the PAVILAND RESINA range for this purpose.
- Cut and clean expansion joints.

RECOMMENDATIONS

Preventive measures and advice based on the Spanish Structural Code:

- Do not apply the product under risk of frost, rain, or strong winds.
- Once the concrete has been placed, it should be protected from the sun and especially from the wind to prevent it from drying out.
- In general, concreting will be suspended whenever it is anticipated that the ambient temperature may drop below zero degrees Celsius within the next 48 hours.
- Use gloves and protective goggles when manipulating the product.
- This product contains cement. Avoid direct contact with eyes and skin and avoid inhalation of dust. The

FLOORING

PAVILAND® INDUSTRIAL MT

PACKAGING AND STORAGE

TECHNICAL DATA

CE MARK

characteristics of the concrete (water-cement ratio, strengths, etc.) will have an important influence on the final characteristics of the floor.

- In the final finish colour changes may occur due to variations caused by the base concrete

25 Kg of laminated paper sacks.

Store up to 1 year in its original closed container, away from extreme weather conditions and humidity.

(Statistic results obtained under standard conditions)

Aspect	Coloured powder
dust density	1,9 ± 0,2 g/cm ³
Approximate performance (*)	4-5 Kg/m ² For an Average thickness Of 0.5 cm
Bending (UNE – EN 13892-2)	> 5 N/mm ²
(UNE– EN 13892-2 STANDARD)	> 40 N/mm ²
Abrasion (UNE– EN 12808-2 STANDARD)	< 400 mm ³
Böhme Wear resistance BCA (UNE-EN 13892-3)	A9 (máx. 9,0 cm ³ /50 cm ²)
Tensile strength (UNE-EN 1015-12)	> 1 N/mm ²
Granulometry	máx. 2 mm

(*)Performance may be increased depending on the shade chosen and the colour of the concrete used. Please consult our technical department for white colour.



GRUPO PUMA ESPAÑA, S.L

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PAVILAND INDUSTRIAL MT

No. 510193

EN 13813

Powder product CT C40 F5, A9 type, which applied on
Fresh concrete, forms a monolithic wear layer with great resistance to abrasion
and impact

Reaction to fire	A1 Type
Hazardous substances emission	CT
Compressive strength of concrete	C40
Flexural strength	F5
Böhme wear resistance	A9
Hazardous substances	Consult safety data sheet



FLOORING PAVILAND® INDUSTRIAL MT

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Rev. 24_07 · This revision cancels all previous ones. Please, obtain the latest version from our web site · www.grupopuma.com · (+34) 957 76 40 40

ENVIRONMENTAL PRODUCT DECLARATION (EPD)

LEGAL DISCLAIMER

This mortar has been elaborated with arid located close to our production centres, which has, reduce the emission of greenhouse effect gases thanks to transport and ISO 14001 certified production centres with environmental management, with a firm commitment to sustainability and respect for the environment. Type III ecofriendly labelled mortar (The strictest one) verified Environmental Product Declaration by AENOR

The instructions for use are given according to our tests and knowledge and do not imply any commitment by GRUPO PUMA nor free the consumer from the examination and verification of the products for their correct use. Claims must be accompanied by the original packaging to allow a proper traceability.

GRUPO PUMA is not responsible, in any case, for the application of its products or constructive solutions carried out by the application company or other parties involved in the process and / or execution of the work, limiting the responsibility of GRUPO PUMA exclusively to the damages directly attributable to the supplied products, individually or integrated in systems, due to failures in their manufacturing process.

In any case, the drafter of the work project, the technical management or the person responsible for the work, or collaterally the application company or other parties involved in the process and / or execution of the work, must ensure the suitability of the products addressing the characteristics of them, as well as the conditions, support and possible pathologies of the work in question.

The values obtained by GRUPO PUMAS's products or its constructive solutions that, as the case may be, are determined by the EN standards or any other regulation that applies to it in each case refers exclusively to the conditions specifically stipulated in said regulation and that are referred to, among others, to certain characteristics of the support, humidity and temperature conditions, etc. without being them required in the tests obtained under different conditions, all in accordance with the relevant regulation.