



## PAVILAND® TIXO 30

High-strength mortar based on modified polymers for smoothing pavements and pavement repairs from 5 to 30 mm.



### DESCRIPTION

High performance thixotropic mortar for the preparation of floors that, once hardened, creates a coating with high mechanical resistance, strong adherence to the base of application and high resistance to mechanical abrasion. Its consistency makes it suitable for application on sloping pavements. Suitable for thicknesses from 5 to 30 mm. It is used as leveling mortar for ramps and pavements with slopes in garages and industry.

### TECHNICAL CHARACTERISTICS

Product based on smoothing mortar, special cements, selected quartz aggregates, resins, additives, fibers and colorants.

### ADVANTAGES AND USES

- Formation of wearing courses on existing concrete slabs.
- Leveling of ramps and pavements with slopes in garages and industry.
- Smoothing of ramps and coating for floors with an irregular surface.
- Garage floors that require long durability.
- Suitable for loading docks, aisles, access areas and in general for surfaces exposed to high mechanical stresses.
- Repair and patching of industrial pavements.
- Formation of fillets at the wall-floor junctions.
- Very smooth finish and high surface hardness.
- Fast commissioning time.
- Suitable for outdoors as long as it is covered (not exposed).

### SUITABLE SUBSTRATES

- Concrete, cementitious screeds, of adequate strength, and the like similar substrates.
- For other substrates, please contact our technical department.
- The substrates must be resistant, stable, sound and clean, free of dust, remains of release agents, organic products, etc.
- If necessary, the substrate should be prepared mechanically, so that it has a surface free of surface grouts and of adequate porosity.
- Prior to the application of PAVILAND TIXO 30, the cracks and/or fissures that could be found in the substrate must be properly repaired using the products of the Paviland or Morcemrest range according to the nature of the substrate and the type of repair to be carried out.
- Apply PAVILAND PRIMER R to avoid the formation of air bubbles in the coating and improve its adhesion to the substrate.
- Before applying the mortar, make sure that there is no capillary rising damp.

# FLOORING

## PAVILAND® TIXO 30

### APPLICATION PROCEDURE

- Mix the product with water (3,25 to 3.75 liters per 25 kg bag).
- Pour  $\frac{3}{4}$  parts of the water into a concrete mixer, then add PAVILAND TIXO 30 and knead for 2 or 3 minutes, adding the rest of the liquid until a homogeneous, lump-free paste is obtained.
- Let it rest for about 2 minutes.
- Previously the guidelines should be placed with the desired thickness (5 to 30 mm).
- Spread PAVILAND TIXO 30 with a rake or trowel and regularize with a straightedge on the guidelines.
- Trowel manually or mechanically until the desired finish is obtained.
- Apply PAVILAND RESINA AC2 or PAVILAND RESINA DC2 curing liquid to avoid rapid dehydration of the mortar.
- Respect structural joints and execute perimeter and partition joints.

### RECOMMENDATIONS

- Do not apply below 5° C or above 30° C.
- Do not apply with risk of frost, strong winds or direct sun.
- Wear protective gloves and goggles for use.
- Keep out of reach of children.
- Once the product has been kneaded and its resting time has elapsed, do not add additional water.
- For floors with surfaces greater than 20 m<sup>2</sup> or more than 10 m.
- It is recommended that partition joints be made, delimiting panels, with joints of about 6 mm, which can be filled with PUMALASTIC MS or PU.
- The movement joints of the original support must be respected and perimeter joints must be made.
- As described in the "instructions for use", the surface layer must be protected from drying too quickly, especially in conditions of high temperature and/or strong wind.

### PACKAGING AND STORAGE

25 kg plastic-lined paper bags

Up to 1 year storage in its original sealed packed, away from weather conditions and humidity.

### TECHNICAL DATA

|                                          |                                        |
|------------------------------------------|----------------------------------------|
| Aspect                                   | Gray powder                            |
| Pot life time                            | 60 min.                                |
| Adherence                                | >1.5 N/mm <sup>2</sup>                 |
| Böhme Abrasion                           | <15 cm <sup>3</sup> /50cm <sup>2</sup> |
| Passable time (*)                        | 8-12 hours                             |
| Compressive strength                     | > 15 N/mm <sup>2</sup> (24 h)          |
|                                          | > 25 N/mm <sup>2</sup> (7 d)           |
|                                          | > 35 N/mm <sup>2</sup> (28 d)          |
| Aproximative yield                       | 18 kg/m <sup>2</sup> ·cm thickness     |
| Classification according to UNE EN 13813 | CT C35 F7 A15 B1.5                     |
| Application thickness                    | 5 to 30 mm                             |

(\*): Times refer to a temperature of 23°C and 55% relative humidity. These are shorter at higher temperatures and longer at low temperatures.

### CE MARK

|                                                                                                                     |                       |
|---------------------------------------------------------------------------------------------------------------------|-----------------------|
|                                   |                       |
| <b>GRUPO PUMA ESPAÑA SL</b><br>Avda. Agrupación Córdoba, Núm. 17<br>14014 Córdoba<br>17<br>Nº: 650106               |                       |
| EN 13813<br><b>PAVILAND TIXO 30</b>                                                                                 |                       |
| Leveling coating, modified with polymer cement, type CT C35 F7 A15 B1,5, for floor overlays ranging from 5 to 30mm. |                       |
| Reaction to fire                                                                                                    | Type A1               |
| Emission of corrosive substances                                                                                    | CT                    |
| Compressive strength                                                                                                | C35                   |
| Flexural strength                                                                                                   | F7                    |
| Wear resistance                                                                                                     | A15                   |
| Hazardous substances                                                                                                | See Safety Data Sheet |

### LEGAL DISCLAIMER

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 PUMA'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.