SURFACE HARDENER

pymanTop

Surface hardener for industrial floors



pymanTop is a European-manufactured product marketed by PGA Internacional, developed under high quality standards to improve the surface hardness and the wear and abrasion resistance of industrial floors. It is designed for concrete surfaces subjected to loads, constant traffic and direct mechanical stress, especially in areas exposed to traffic and the operation of forklift wheels.
Its application helps produce industrial floors with greater strength and durability, optimizing their performance under the demands of high-traffic industrial and commercial environments.
Origin: Made in Europe.
Available colors: See our color chart.

Features

PYMANTOP is a ready-to-use dry cementitious mortar for the construction of industrial floors using the dry-shake method, according to DIN EN 13813, based on hard aggregates.

Application

pymanTop is used in the construction of industrial floors to improve surface hardness and increase wear resistance. It also improves the resistance of floors subjected to direct industrial stress, high-bay warehouses, logistics, sales areas, etc. Indoors and outdoors.

Properties

- Wear-resistant
- Resistant to forklifts
- Water-resistant, suitable for wet areas
- Non-slip
- Not electrostatically chargeable
- Chloride-free
- Physiologically and ecologically harmless
- Consistent quality guaranteed by quality control according to DIN EN 13813

Technical data

Quality	**CT-C70-F9-A8**
Particle size	**0 – 3 mm**
Color	**Cement gray**
Wear resistance Abrasive wear according to Böhme, DIN EN 13892-3, measured on defined prisms.	**≤ 8.0 cm³/50 cm²**
Compressive strength [N/mm²] · According to DIN EN 13892-2, measured on defined prisms.	**C70**
Flexural strength [N/mm²] · According to DIN EN 13892-2, measured on defined prisms.	**F9**
Temperature Processing, ambient and concrete temperature.	**≤ 5 °C**
Consumption (kg/m²)	**Gray cement: 3 – 5 kg** **Color: 5 – 6 kg**

PGA INTERNACIONAL
Credicorp Tower, Panama
+507 6253-0103 · +507 836 5929
info@pgainternacional.com · pgainternacional.com

Application recommendations

The base concrete must be at least grade C 25/30 (strength 250 kg/cm²). The surface must be leveled within the tolerance limit according to project requirements.

Attention: Air-entrained concrete is not suitable!

Applications

- Jointless floors, floors with joints
- Super-flat / ultra-flat floors
- Exterior pavements
- Cold rooms
- Pile-supported floors
- Self-supporting floors
- Endless floors
- Coatings
- Color-hardened floors

Application process

Apply pymanTop dry and evenly (e.g. with a spatula). After penetration into the wet concrete surface with pymanTop, the surface must be treated with a disc float. A further analogous application can be carried out while the dry mortar is still moist, followed by timely re-floating with a disc float to close the pores and, depending on the surface texture required, power troweling (helicopter). On a steel fiber-reinforced concrete base, pymanTop can be applied mechanically, directly onto the freshly placed base concrete, using a spreader.

After application

Different temperatures can influence the setting and hardening process. PYMANTOP must be protected against excessively rapid drying of the concrete.

Packaging

The product comes in 25 kg bags/sacks.

Storage

Keep in a moisture-free place.

Health and safety measures



- Contains cement.
- Avoid contact with skin and eyes. Irritating to eyes, respiratory system and skin.
- Keep out of reach of children.
- In case of eye contact, rinse immediately with plenty of water and consult a specialist.
- If swallowed, seek medical advice immediately and show the packaging or label.

Engineering, Products and Expertise in Industrial Concrete Floors

PGA INTERNACIONAL
Credicorp Tower, Panama
+507 6253-0103 · +507 836 5929
info@pgainternacional.com · pgainternacional.com

PYMANTOP FOR INDUSTRIAL FLOORS

Color chart

White Gray

Light Gray


Aluminum Gray


Signal Gray


French Gray


Quartz Gray


Anthracite


Black

Ivory


Yellow


Orange


Red


Brown


Green


Blue

PGA INTERNACIONAL
Credicorp Tower, Panama
+507 6253-0103 · +507 836 5929
info@pgainternacional.com · pgainternacional.com