PAVILAND® HS25

Dry-mix concrete

DESCRIPTION

Dry-mix concrete.

TECHNICAL CARACTERISTICS

Product made with cement, limestone aggregates of controlled grain size and additives that improve its plasticity and workability properties.

ADVANTAGES AND USES

- Masonry work in general.
- Pavings and screeds.
- Restoration projects.

APPLICATION PROCEDURE

- Prepare the substrate with suitable meshes to reinforce the concrete.
- Mix the product with approx. 2.5 liters of water per 25 kg bag to get a soft plastic consistency.
- Mechanical mixing of the mixture is recommended to get a smooth paste without lumps. Do not mix the product with other materials (aggregates, cements, additives, etc.) so as to avoid changing the behavior and characteristics of the product.
- The minimum application thickness is approx. 4 cm, allowing complete compaction of the mortar with a rounded rammer or a vibrating drill. Avoid excessive vibrating so as not to cause segregation of the mixture.
- Once the product is mixed, it should always be applied before it starts to set.

RECOMMENDATIONS

- Do not apply the product in conditions of strong wind or rain, or at temperatures below 5 ºC or above 35 ºC.
- High temperatures may accelerate the setting process and low temperature may slow it down.
- Do not add water if the product has started to set.
- Do not use sea water or water of uncertain characteristics for the mixing.
- It should be noted that an increase of mixing water means a decrease in resistances.
- It should not be applied in structural works.

PACKAGING AND STORAGE

Plastic bags of 25 kg.
Shelf life: 12 months in its sealed original packaging, sheltered from weather conditions and humidity.

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TECHNICAL DATA

Colors	White, Grey, Red, Yellow and Green
Components	Grey and white cement (RC03) / Limestone aggregates / Additive
Grain size	Continuous from 0 to 12 mm
Mixing Water (%)	10% (approx. 2.5 liters per 25 kg bag)
Consistency, Abrams cone	6 – 10 cm
Dosage of cement	>300 kg/m²
Water/cement ratio	<0.55
Density of the hardened concrete	Approx. 2300 kg/m³
Compressive strength after 28 days	>25 N/mm² (1)
Reaction to fire	A1
Yield	22 – 23 kg/m² per cm of thickness

(1) Verified and assessed by a laboratory test following 86.3.2 EHE 08 guidelines.

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.

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