



PAVILAND® HS25

Dry-mix concrete

DESCRIPTION

Dry-mix concrete.

TECHNICAL CHARACTERISTICS

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 °C or above 35 °C.
- 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.

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/m ²
Water/cement ratio	<0.55
Density of the hardened concrete	Approx. 2300 kg/m ³
Compressive strength after 28 days	>25 N/mm ² (1)
Reaction to fire	A1
Yield	22 – 23 kg/m ² per cm of thickness

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

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