

# Pavistone 25N

Thixotropic mortar of excellent hardness

Based on hydraulic, light loads, water-repellents, resins, and mineral pigments.



## Product

- Special theming.
- Excellent hardness.
- Suitable for projection machine.
- Waterproof and breathable.
- Resists freezing-thawing with salts.

## Observations

- Do not incorporate any additive to the mortar.
- On metallic forms and reinforcements the first layer of mortar will be denser in order to facilitate the penetration in the holes of the mesh.
- On old supports of mortar, stone, brick, degraded facades... it is important to eliminate the existing mortar in its totality, cleaning the support with pressurized water or sand jet.
- The works carried out with these mortars, do not guarantee the watertightness function.
- Do not apply with temperatures <5°C.

## Characteristics

- Resting time after mixing: 5 min.
- Maximum thickness tolerated: 5 - 10 cm.
- Maximum thickness per layer: 5 cm.
- Time of use of the mixture between 30 and 60 minutes.

*\* These times may vary considerably depending on the ambient temperature.*

## Performances (12 mm)

- Mixing water (in the laboratory): 15%
- Powder density: 1.3 g/cm<sup>3</sup>
- Mass density: 1.990 kg/cm<sup>3</sup>
- Shaking table consistency: 140mm
- Bending strength: ≥6 N/mm<sup>2</sup>
- Compressive strength: ≥45N/mm<sup>2</sup>
- Adhesion on concrete: ≥1.5 N/mm<sup>2</sup>
- Ceramic adhesion: ≥1.2 N/mm<sup>2</sup>
- Water retention: 96%
- Fire behavior: A1 Euroclass

*\*\* These results may vary depending on site conditions.*

## Enforcements

- Thixotropic mortar in thin layer for continuous coating, special for ashlar stone, rock, swimming pool coronations, wall... theming.
- Great resistance and durability against outdoors.
- Outdoors - indoors.

## Supports

- On metal mesh and structure, prefabricated elements, brick enclosure, concrete, concrete block.

## Recommendations

- Application temperatures from 5 to 35°C
- The water percentage can oscillate depending on the used mixer.
- During the mortar preparation, use the same water percentage and mixing time to avoid mortar pickups with thicknesses superiors to 5 cm.
- In dark tones, deformations of thermal origin may increase, increasing the risk of appearance problems and possible changes in tone.
- Depending on the desired thickness, place the glass fiber or metal mesh in the coating center.
- In cold weather time, a setting accelerator for mortar can be used **Hormidur-SC**.

## Execution conditions

- Supports must be flat, sound, stable and resistant, free of dust, plaster, paint.
- Placement of fiberglass or metal mesh in areas at risk of cracking.
- In hot weather and with dry wind, a humidification of the facing should be carried out before and 24 hours after the application of the coating, to favor the curing of the monolayer and to avoid the appearance of cracks and crazing, as well as the formation of dusty areas. The higher the temperature, the more these phenomena are intensified.
- On smooth or non-absorbing surfaces, use quick primer **F-300** or **Ultimate** bonding bridge.
- Avoid applying the coating at low temperatures, high humidity, rain or ice. In the hours following the application of the monocoat, the risk of efflorescence due to carbonation increases.

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## Instructions for use

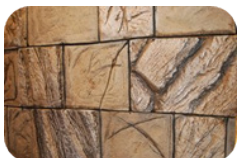


- **Projected with machine:**  
Percentage of water: 15-17%.
- **Manual kneading:**  
Mix the contents of the bag (25kg.) with 3.5 - 5 liters of clean water until a homogeneous dough is obtained.



Mold or sculpt once the mortar begins the setting process to give the desired shape with the different tools.

After the sculpt and final setting, it can be pigmented with **Tint to water, Organic dyes...** to obtain the desired effect.



If necessary, apply 1-2 passes of **Orfapol colorless**.

## Associated products

- \*Ultimate
- \*Water dye
- \*Organic dyes
- \*F-300
- \*Orfapol colorless



### Presentation

25 kg bag  
1200 kg pallet (48 bags)

### Color

White, gray, beige  
(Others on request)

### Consumption

14 - 17 kg/m<sup>2</sup> and cm of thickness

### Conservation

In sealed original packaging, protected from humidity and weather: 1 year

## ! IMPORTANT

The observations and prescriptions of this data sheet, although corresponding to our best experience, should be considered, in any case, purely indicative, and should be tested by exhaustive practical applications; therefore, before using the product, the user must establish whether or not it is suitable for the intended use, and assumes all liability that may arise from its use. Once the product has been handled or applied, the manufacturer shall not assume any claim whatsoever, nor any liability as to the manner, mode and conditions of application.