

# Pavistone HD

## Thixotropic mortar resistant to salts

Based on hydraulic binders, light loads, oil repellent, resins, and mineral pigments.



### Product

- Frost-thaw resistant with salts.
- Theming rock special.
- High resistance mortar.
- Ideal for projecting machine.
- Waterproof and breathable.

### Observations

- Do not add any other additive to the mortar.
- On metal shapes and frames, the first layer will be denser to facilitate penetration into the holes in the mesh.
- Over old concrete, stone, brick, degraded façades support... it is important to eliminate the existing mortar in its totality, cleaning the support with pressure water or sandblast.
- Works performed in these mortars do not guarantee the water tightness.
- On walls in permanent contact with water, it is recommended to perform maintenance with **F-600** or **Silicate** hardener, every 2 years.

### Characteristics

- Let stand after kneading: 5 min.
- Tolerated maximum thickness: 5 – 10 cm.
- Layer maximum thickness: 5 cm.
- Usage mixture time from 30 to 60 minutes.

\*These results are contemplated with 20°C and they can considerably oscillate depending on the ambient temperature.

### Performances (12 mm)

- Mixing water (in the laboratory): 17%
- Mass density: 1,890 kg/cm<sup>3</sup>
- Density of the hardened product: 1,880kg/cm<sup>3</sup>
- Bending strength:  $\geq 4$  N/mm<sup>2</sup>
- Compressive strength:  $\geq 15$  N/mm<sup>2</sup>
- Water retention: 97%
- Adhesion on concrete:  $\geq 0.80$  N/mm<sup>2</sup>
- Ceramic adhesion:  $\geq 0.65$  N/mm<sup>2</sup>
- PH determination: 12.1
- Fire behaviour: A1

\*\*These results can oscillate depending on the workplace conditions.

### Enforcements

- Thixotropic mortar for continuous coating, special for ashlar stone, rock, wall... theming.
- Great resistance with salts and durability against outdoors and canalized water.
- Outdoors/indoors.

### Supports

- Over metallic 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

- The supports have to be flat, healthy, stable and resistant, without dust, plaster, painting...
- Glass fiber or metallic fiber placement in fissures appearance risk zones.
- In hot weather time and with dry wind, a facing humidification has to be performed before and 24 hours after the coating application, in order to facilitate the mortar cure and avoid the fissures and cracking appearance, as well as the dust zones formation. The higher the temperatures, the more intensity for these phenomena.
- Over smooth facing, with no absorption, use quick primer **F-300** or joining bridge **Ultimate**.
- Avoid coating application with low temperatures, strong humidity, rain or frost. In the hours following the monolayer application increases the efflorescence by carbonation appearance risk.
- Do not apply with strong wind or direct insolation.

# Pavistone HD

Thixotropic mortar resistant to salts

## Usage way

- **Projected:**

17-19 % water.

- **Manual kneading:**

Mix the contents of the sack (25 kg) with 4 - 5 liters of clean water until a homogeneous mass is achieved.

Mold or sculpt once the mortar starts its setting process to give the desired shape with 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 **F-300** coats.

## Associated products

\*Ultimate

\*Water Dye

\*Organic dyes

\*F-300



### Packaging

25 kg sack  
1200 kg pallet (48 sack)

### Colors

White, grey, beige.  
(Others on demand)

### Consumption

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

### Preservation

In closed original container, protected from moisture and the 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.