

# Pavimper®

## Waterproofing hydraulic mortar

Special cement, selected arid, resins, active components and additives.



### Product

- Outdoor waterproofing.
- Repairs and waterproofs the small fissures.
- Over supports with small movements.
- Can be projected with machine.
- Sea water resistant.
- Fit to receive painting or coating.

### Observations

- Do not add any additive to the mortar.
- On circulated floors, the mortar has to be always protected.
- Aggressive and sea water contact resistant.
- Do not apply with strong wind or direct insolation.

### Characteristics

- Rest time after the kneading: 5 min.
- Mass life approximately:  $\pm 1$  hour
- Application thickness per layer: minimum 2 mm
- Setting start:  $\geq 4$  hours
- Rest time between layers:  $\geq 4$  hours
- Rest for deposit fill:  $\geq 28$  days
- Coated-painting:  $> 6$  days

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

### Performances

- Apparent density: 1.3 g/cm<sup>3</sup>
- Kneading water (in laboratory): 20%
- Paste density: 1.6 g/cm<sup>3</sup>
- Elasticity module:  $\geq 450$  MPa
- Lengthening:  $\geq 50\%$
- Fissures resistance: class A5
- Impermeability DIN: waterproof
- Adherence over concrete:  $\geq 1.6$  MPa
- Adherence for direct traction:  $> 1.5$  MPa
- Hardness Shore 7 days:  $\geq 25$
- Behavior against fire: A1 Euroclass

*\* These results have been obtained with standard essays and they can oscillate depending on the workplace conditions.*

### Enforcements

- Waterproofing of walls and concrete structures subject to fissures phenomena.
- Showers, bath, swimming pools waterproofing... before the ceramic coating placement.
- Supports even high negative pressures.
- Terraces and balcony walls rehabilitation, as well as terraces, roofs or cornices cantilevers... outdoors and exposed to important thermal changes.
- In general, it is a protector and waterproof coating for surfaces exposed to water action and chemical aggression of external phenomena like defrost salts, sulfates, chlorides...
- Indoors and outdoors.

### Supports

- Concrete, concrete prefabricated, revokes, ceramic...

### Recommendations

- Application temperatures from 5-30°C.
- The water percentage can oscillate depending on the used mixer.
- Do not apply with rain risk, frost...
- Place the glass fiber mesh between the first and second layer on terraces and walls with fissures risk.
- Minimum final thickness 3-4 mm in all the points.

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## Execution conditions

The support must be healthy and clean, without grouts or release agents. If necessary, clean with pressure water or sandblast, to secure a perfect adherence.

The supports must have a good flatness, without clefts or irregular zones.

Repair all the damaged zones (holes...) with repair mortar **Pavigrout**.

Treat the singular points with adequate mesh.

Moisten the support before application.

Avoid application with direct insolation, wind, rain risk, frost...

## Usage way

Manual kneading:

Mix a sack with 5 - 6 liters clean water until obtaining a homogeneous and fluid mass.

Projected:

20 - 24% water.

Apply with a first layer approximately 2 kg/m<sup>2</sup> and let it rest from 4 to 5 hours.

Apply a second layer, crossed to the previous one and with the same consistency.

On walls or surfaces with fissures risk, place between coats a glass fiber mesh.

## Associated products

\*Pavimper-2C

\*Pavigrout-R3

\*Pavigrout-R2



### Packaging

25 kg sack  
1200 kg pallet (48 sacks)

### Colors

Grey  
(others on demand)

### Consumption

±1.6 kg/m<sup>2</sup> and mm thickness

### Preservation

In the closed original container and sheltered from outdoors and humidity: 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.