

# Revislant Fiber-Reinforced

High performance fiber-reinforced and polymeric mortar for the **Pavitherm Sate System**

Special cement, mineral loadings, resins, fibers and additives.



## Product

- Thermal and acoustic isolation system outdoors.
- For the isolation plaques placement and regularization.
- Excellent adherence.
- Armed with fibers.
- Deformable and breathable.

## Observations

- Wind causes a lower mortar opening time and involves a lower adherence.
- Do not apply with rain risk, frost-thaw.
- Do not apply over degraded or weak mortars.

## Characteristics

- Let stand after kneading: 5 min.
- Plaque rectification time: 15 min.
- Paste life: 1- 2 horas approximately.
- Thickness per layer: 3- 5 mm

*\* These times can considerably oscillate depending on the kind of support and the ambient conditions.*

## Performances

- Kneading water (in laboratory): 25%
- Pickup with piece with 10 kg: 0mm
- Adherence concrete support:  $\geq 1,5$  MPa
- Adherence ceramic support:  $\geq 1$  MPa
- Adherence over XPS, EPS:  $\geq 0,3$  MPa
- Adhesion on fibre cement:  $\geq 0.3$  MPa
- Adhesion on OSB wood:  $\geq 0.6$  MPa
- Bending resistance:  $\geq 6$  N/mm<sup>2</sup>
- Compression resistance:  $\geq 18$  N/mm<sup>2</sup>
- Transversal deformation: 2.8 mm
- Flammability: MO
- Thermal conductivity determination: 0.038W/m·k

*\*\*These results are obtained in standard conditions and they can oscillate depending on the workplace conditions.*

## Enforcements

- Polymeric mortar reinforced with fiberglass of high performance for the placement of thermal insulation plates and regularization of the support outdoors.
- For reparation and regularization in façades, walls... restoration and new construction.

## Supports

- **Pavitherm Sate System** (XPS, EPS...) mortar, concrete block, concrete walls, fibre cement and OSB wood.

## Recommendations

- Application temperatures 5-30°C.
- Respect always the same water percentage.
- The water percentage can oscillate depending on the used mixer.
- Over absorbent and dry facings, moisten well before the mortar application.
- The support must have no irregularities superior to 10 mm with 2m. ruler.
- In rehabilitation workplaces, restore all the degraded or loose parts before and replenish with repair mortar **PavigROUT**.
- Do not apply with strong wind or direct insolation.

## Execution conditions

- The support has to be resistant, its setting has to be completed, and it has to be without dust, oil, grease...
- Application thickness for the plaque fixation 2-4 mm.
- Thickness for regularization 3- 5 mm per coat.
- The glass fiber mesh will be previewed with a, at least, 10 cm. overlap with the consecutive mesh.

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## Usage way



Mix the contents of the sack (25 kg) with 6-7 liters of clean water until you get a homogeneous mass without lumps.

\*Let stand 5 minutes.



Spread the mortar with toothed trowel (2-3 m<sup>2</sup>) and glue the plate.



Once the plates have been placed with the joints intercalated and with the dry mortar (24 hours), they will be drilled for the placement of the fixing plug.



After 24 hours approx. the surface will be regulated and then with the fresh paste the mesh will be spread across the entire surface.

Once the surface is dry, a mortar pass will be applied to regularize and cover the visible mesh or some small irregularity.



When the **Revislant fiber-reinforced** setting is completed, apply the final finish:

- Acrylic mortar **Mortecril**, Micro cement



## Associated products

- \*Pavi-therm (sate)
- \*Mortecril
- \*Microcement

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## Packaging

25 kg sack  
1200 kg pallet (48 sacks)

## Colors

White and grey

## Consumption

Fixation: 4-5 kg/m<sup>2</sup>  
Regularization: 3-5 kg/m<sup>2</sup>

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

## Preservation

In original container closed and protected from weather 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.