

# Pavidur Cementoso

## Powder adhesive for stone bonding

Powder adhesive, free of solvents and fillers, classified in category Bfl s1 as fire resistant.



### Properties

- Non-yellowing
- Colored continuous pavement
- Permeable and breathable
- Suitable for swimming pool environments
- Color range

### Observations

- Do not incorporate any additive to the mixture.
- Treat the singular zones (fissures) with the appropriate mesh.
- The drying time will vary depending on the ambient temperature and humidity.
- Do not apply with risk of rain, frost, important temperature changes, direct sunlight, strong wind...
- Always have tarpaulins to protect the pavement in case of emergency (rain, ice, extreme temperatures...) so that it does not lose its performance.
- On existing concrete base: consult us.

### Characteristics

- Application temperature measured on the pavement: 10 - 30oC
- Mixing life (20oC): 30 -45 minutes
- Thickness: >4 cm and according to support and aggregate.
- Dry to touch: >5 hours
- Total drying: >48 hours (4 cm / 20oC)
- Time in service: >7 days

*\* These times are contemplated at 20°C and may vary considerably depending on the ambient temperature.*

### System

System	Monocomponent
Powder in parts	1
Aggregate in parts	8
Aggregate wetting	Good
Drying at room temperature	>48h.(20oC)
Curing at room temperature	28 days
Flexural strength 3 days	>2.0 Mpa
Compressive Strength 3 days	>5.0 Mpa
Flexural strength 28 days	>3,5 Mpa
Compressive Strength 28 days	>8.0 Mpa
Outdoor resistance	Excellent
Thermal Shock	Breakage

### Applications

- Powdered surface fixative and binder in mass, for the bonding of crushed aggregates.
- Permeable to water.
- Avoids puddled water.
- Contours of traffic circles, terraces, pedestrian streets, sidewalks, swimming pools, crowns, trees, etc.
- Minimal maintenance.
- No yellowing.

### Supports

- Concrete, compacted gravel...

### Finishes

- Arid seen.

### Recommendations

- Application temperatures 10°C to 30°C.
- Always respect the same percentage of Pavidur cementitious during the mixing.
- Do not add water to the product after mixing.
- To respect the joints of expansion, perimeter and retraction.
- To foresee the suitable slopes for the evacuation of the water.

### Conditions of execution

- On soil with topsoil partially removed, leveled and possibly consolidated, cleaned by drainage with an anti-pollution layer, compacted as required by the project or site management.
- The existing support must be resistant, healthy, free of dust, paints, oils...
- In the case of application on new concrete, this must be completely set (≥28 days) and with adequate slopes for water drainage.

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## Usage way

Proportion	Dosification
Aggregate (4-12 mm)	32 parts
Water	1 part
Pavidur Cementoso	4 parts

Add to the concrete mixer the aggregate + water + adhesive powder for its correct mixing, for at least 10 minutes.

Once the mass is poured on the pavement, smooth it manually with a suitable trowel or with a troweling machine.

### Example dosage:

Aggregate: 8 parts

Water: 1/4 part

Pavidur Cementoso: 1 part

### Important:

*Before using the product, it is recommended to perform a real test on site and check if the performance and finish are as expected.*

## Associated products

\*F-300 satin curing resin

\*F 250 gloss curing resin



### Packing

Sacks of 25 kg

### Arid

30 kg plastic bag

### Color

Color chart

### Consumption

20 kg/m<sup>2</sup> and 1 cm thickness

### Preservation

6 months from the date of manufacture, in closed original packaging, protected from weather and humidity.

## ⚠ 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.