

Pavidur 1C CL Hitech

Viscous adhesive for stone bonding

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



Properties

- Non-yellowing
- Colored continuous pavement
- Permeable and breathable
- In swimming pool environments
- Range of colors
- High resistance

Observations

- Do not add water or 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 changes of temperatures, direct sunlight, strong wind...
- Always have tarpaulins to protect the pavement in case of emergency (rain, ice, or extreme temperatures...) so that it does not lose its performance.
- On existing concrete base: consult us.

Characteristics

- Temperature of application measured on the pavement: 10 - 30°C
- Mixing life (20°C): 1 - 2 hours
- Thickness: between 3 and 6 cm
- Dry to touch: >5 hours
- Total drying: >24 hours (3 cm / 20°C)
- Time in service: > 2 days

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

Monocomponent system

% Aggregate: Resin by volume
Aggregate wetting
Dried at room temperature
Cured at room temperature
Flexural strength 6 days
Compressive strength 6 days
Flexural strength 14 days
Compressive strength 14 days
Outdoor resistance
Thermal Shock

Performances

95:5
Good
7 h.
24 h.
>4 Mpa
>8 Mpa
>5 Mpa
>10 Mpa
Excelent
Breakage

Enforcements

- Surface fixative and binder in mass for the union of crushed aggregates.
- Permeable to water.
- Avoids puddled water.
- Contours of traffic circles, terraces, pedestrian streets, sidewalks, swimming pools, tree crowns...
- Moderate road traffic.
- Without maintenance.
- It does not yellow.

Finishing

- Arid seen.

Supports

- Concrete, compacted gravel.

Enforcement tips

- Application temperatures 10°C to 30°C.
- Respect always the same percentage of Pavidur-1c CL/HITECH during the mixture.
- Do not add water to the product.
- To respect the joints of dilatation, perimetral and retraction.
- To foresee the suitable slopes for the evacuation of the water.

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Performance conditions

- On soil with topsoil partially removed, leveled and possibly consolidated, cleaned by drainage with an anti-pollution layer, compacted as required by the site 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.

Usage way

Add to the mixer the aggregate and the adhesive for its correct mixing, for at least 10 minutes.

Granulometry dosing

9 – 12 mm	4%
5 – 9 mm	5%
3 – 5 mm	7%

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

Example dosage:

Aggregate 5 - 9 mm = 5 lt Pavidur-1c CL/HITECH. + 100 kg of aggregate.

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



Associated products

Pavidur-1c
Pavidur-1c AM/ECO
Árido



Packing

Liquid: 25 L drum.
Aggregate: 30 kg bag

Color

Color chart

Consumption

Liquid: 0.75 l/m² and 1 cm thick
Aggregate: 15 kg/m² and 1 cm thick

Preservation

In sealed original packaging, 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.