Pavistamp

Vitrex wine

Epoxy product for the food industry (A+B)

Uses

• Continuous protective coatings for hydraulic engineering works intended for continuous contact with wine.

High chemical resistance against various aggressive substances. According to requirements, please consult our technical services.

Before direct contact with food substances it is necessary to carefully wash the painted surface. For washing it is advisable to use pure drinking water or a 2% solution of Solvay Soda, rinsing carefully with drinking water.

Support

- The substrate must have a minimum compressive strength of 25 N / mm2 and a tensile strength of 1.5 N / mm2.

Support preparation

- Concrete substrates must be solid, dry (cured if New >28 days), level, absorbent, uncontaminated by oils, detergents, dusts or other substances. Any discontinuities should be restored with suitable ready-mixed cementitious mortars.
- If necessary, apply a coat of **Ecopox-cem plus 3c** water-based primer and vapor barrier.

Description

Indoors

Properties

· High wear resistance

· Anticorrosive coatings.

· For wine hydraulic engineering

• 2-Component System formulated with raw materials that fall into the positive list for food contact.

Certified for continuous contact with wine (test reports No. 274 - A /2011 and N $^{\circ}$ 276 - A / 2011 of the Institute of Oenology and Engineering Agroindustry of Piacenza , 20 - Aug- 11) or other food products for which tests are required for sale with simulants B and C.

Performances (25°C y 50% HR)

- Specific gravity: 1.5 +/- 0.05 g/ml
- Solids by weight: 100%.
- Viscosity (A+B): 5.000 +/- 1000 Mp (spindle 2, rpm 30)
- Direct tensile adhesion strength: 2.45 MPa
- Permeability to carbonic anhydrite: 52,36 m
- Permeability to water vapor: 8,64 m
- Permeability to water: <0.01 kg/h0.5. m2
- Hazardous substance: According to EN 1504-2 (point 5.3)

*These results are standard test results and may vary depending on site conditions.

Technical data

Pack: 10 kg
15-30 °C
<4%
±0,3 kg/m2 (1 layer)
White, red and ochre
A=100 B=21 (weight)
>100°C
15°C >30min 25°C >18min 30°C >12min
15°C 10-12hs 25°C 3-4hs 30°C 2-3hs
2 - 24 hours (after the maximum recoating
time, pre-sanding is required prior to application)
±7 days
UNI Solvent
In sealed original packaging (5-35°C),
protected from weather and humidity: 1 year

(*) Vitrex wine applied at substrate temperatures below 15° C, may stain when in contact with water or water-based preparations and form whitish stains. This chemical resistance defect is caused by the fact that a complete cross-linking of its particles is not achieved. Therefore, Vitrex wine should be applied at a substrate temperature not lower than 15° C and at least 3° C higher than the condensation temperature.

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Application

- To mix, combine the 2 components in a single container and mix thoroughly with the appropriate equipment, stir for at least 2 minutes, until a good consistency and uniform color is obtained.
- At the time of application, quickly use the entire contents.
- Any dilution can be done with pure ethyl alcohol, to clean the equipment, use epoxy thinner.
- Apply the product with a brush, roller, airless...
- Provide the application in a double layer with a minimum thickness of 200 µm respecting the minimum and maximum over the entire coverage.
- Always respect the temperatures, relative humidity and humidity of the support, indicated in this data sheet.

Associated products

Vitrex plus Ecopox-cem plus 3c



Color

White, red and ochre

Consumption

±0,3 kg/m2 (1 layer)

Preservation

In original closed container (5-35°C), protected from weather and humidity: 1 year.

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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.