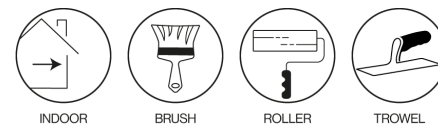


ivapox 730 wine

technical sheet - ed. 03/2025



page 1 of 2



Two-component epoxy coating for wine sector flooring

DESCRIPTION

Two-component epoxy product, used for the creation of concrete floors in the wine sector. Once fully mature, it gives rise to an impervious film, with excellent chemical resistance to wine, notable hardness and abrasion resistance, high dirt-repellent performance, easily sanitized and suitable for cold rooms. For interior.

MAIN PROPERTIES

- Remarkable resistance to chemical attack by wine
- Prevents the adhesion of dirt
- Anti mold growth



CARRIAGEABLE

TECHNICAL DATA

Volatile organic compounds (VOC)	Cat A/j (2004/42/CE); EU limit 500 g/l (2010). This product contains max 92,00 g/l of VOCs.
Film aspect EN 13300	Glossy (>60 gloss 60°)
Adhesion on concrete (EN 1542)	2.4 ± 0.1 Mpa (EN 13892-8)
Classification (UNI 8681 / UNI 8682)	Two-component thick formula with reactive chemical hardening epoxy (B.4.D.1.C.O.DA)
Specific weight	1.18 ± 0.07 Kg/L
Type of binder	Epoxy resin
Catalysis ratio (weight)	2:1
Drying time	8 h 23°C to the touch; 7 days complete maturation
Pot life	33 min at 23°C
	72 ± 2
	yellowing measurement 30 ± 2 opacification measurement - 60 ± 6
	5 ± 1 µm (class AR0.5)
Bending resistance	58 ± 7 Mpa (maximum load)
Compression resistance	73 ± 9 Mpa
	4.0 ± 0.2 N*m (IR4)

CHARACTERISTICS

Coverage	200g/m2 (A+B) according to application mode
Coverage per pack	8Kg compA + 4 Kg compB (12Kg): 45 m2 Colour range
Red oxide (RAL colours on request)	
Dilution	Ready to use

APPLICATION

Notes:

The addition of solvents to IVAPOX 730 WINE can reduce chemical resistance and final shine. Cold maturation slows down the development of mechanical characteristics and gives rise to a coating with a matt appearance.

Suitable Substrates:

Lining of concrete or metal tanks of purification tanks or intended to contain drinking water or food products.

Ambient Conditions:

Application temperature: min 15°C max 35°C RH max 80%

Preparation of the Substrate:

IVAPOX 730 WINE is mainly used as a finishing coat of coatings followed with other resins provided that they are made of materials free of silicone defoamers and have been made with chemically compatible materials or epoxy resins, polyester resins, novolacche or methacrylic resins. The surfaces to be coated must have very precise requirements or have a level of ripeness such as to allow transit, but no more than 48 hours must have elapsed during the hot season and 72 hours during the cold season since the last coating.

Self-levelling surfaces: Brush the substrate with abrasive discs or pads. Completely dust the surface. Apply IVAPOX 730 WINE with short pile roller(0.08-0.1Kg/m²).

Surfaces prepared with powdered quartz sand: sand the surface to remove excess quartz not perfectly adhered to the surface. Vacuum the powder. Apply IVAPOX 730 WINE with spatula(0.4Kg/m²).

Type of Equipment:

Roller, brush, air-less

Application Procedure:

Mix Comp. A with a professional mixer at low speed.

Mix Comp. B with a professional mixer at low speed.

Pour IVAPOX 730 WINE comp. B in comp. A and mix the product carefully with a professional mixer until a homogeneous colored mixture is obtained.

depending on the desired thickness, apply in a single coat or 2 coats at least 24 hours apart. Between the first and second coat it is necessary to provide a light sanding to facilitate adhesion.

STORAGE

Disposal and safety indications:

Dispose of according to local regulations.

For information on possible dangers, consult the safety data sheet

Packaging:

Comp. A: 6 Kg

Comp. B: 3 Kg

Storage:

2 years in intact packaging between 5 and 35°C, resistant to frost and direct exposure to the sun

TECHNOLOGIES/CERTIFICATIONS

