

CONTACT WITH DRINKING WATER, OILS, FATS AND FOOD

SUITABLE FOR CONTACT WITH FOOD AND WATER

VETRIFYING PROPERTIES

ODOURLESS DURING THE APPLICATION

EPOGLASS 69

Series 0432

Non-toxic vitrifying epoxy coating, certified for contact with food, oils, fats and drinking water



◆ Technical features

Very high solid, solvent-free, vitrifying paint formulated with epoxy resins and characterized by high chemical resistance, high surface hardness and wear resistance. The product has a glossy finish, is compact and pleasing to the eye and thanks to its vitrifying performance, gives extreme hardness to the dry film. It is compliant with the Ministerial Decree N. 174 dtd 06/04/2004 concerning the global migration in distilled water at 40°C/24h and the materials and objects that can be used in the fixed systems for the collection, treatment, adduction and distribution of water intended for human consumption. It is also compliant with the Ministerial Decree dtd 21 March 1973 and with the EU Regulation n.10/2011 concerning the hygienic discipline of packaging, containers and tools in contact with food substances or substances for personal use.

◆ Application field

Epoxy coating ideal for the vitrification of barrels, tanks, concrete and metal wells that contain food liquids, hydrocarbons and drinking water. It is also ideal for the internal lining of industrial and civil wastewater containment tanks and drainage systems with weakly acidic or weakly basic pH. Thanks to its washability and detergency features, the product is suitable for baseboards, seasoning surfaces and concrete and metal work tables in food laboratories, industrial kitchens, breweries, wine cellars, dairies and for all those warehouses and deposits where food is handled and stored.

◆ General information

System: Two pack - 2K

Nature: Solvent-based

Packages: 5 kg

Colors ready in stock: White

◆ Technical data

Theoretical average spreading rate	6,4 m ² /kg each coat at the dry film thickness of 100 μ
Application	Brush, Roller
Dilution	Max 5% with Pure Alcohol
Gloss	90 - 100 gloss
Wet film thickness each coat	100 μ
Dry film thickness each coat	100 μ
N° of coats	1 or 2 coats to achieve the total desired thickness
Total dry film thickness	200 μ

◆ Drying

Overcoating interval	24 - 48 hours (after it is necessary to sand)
Air drying	20°C
Dust-free drying	4 - 6 hours
Dry to touch	14 - 16 hours
Dry through	36 - 48 hours
Full cure	28 days
Flash off	-
Stoving drying	-

◆ Catalysis

Series	Hardener	Catalysis	Use	Pot Life at 20°C	Package
0903	HARDENER FOR EPOGLASS	15% by weight (100 + 15) or 4 : 1 by volume	For epoxy vitrifying agent	45 minutes	0,75 kg