



FIELD OF USE FOR 4th DIVISION PRODUCTS

EPOFOODY AB

TWO-COMPONENT, ATOXIC, SOLVENT FREE, EPOXY, PROTECTIVE COATING FOR FOOD CONTAINERS

PROBLEM

To coat tanks and cisterns containing food products, or the walls of premises used to manufacture foodstuffs.

DESCRIPTION

EPOFOODY AB contains solvent-free epoxy resins and is designed to be used for coating tanks containing food products. The high content of epoxy bonding agents makes the product extremely resistant to: alkaline solutions, salts, oils, fats and diluted acids.

FIELDS OF USE

EPOFOODY is used to coat concrete tanks containing drinking water, wine, fruit juice and food products. EPOFOODY is normally used in premises where food products are manufactured, in the wine-making industry, in slaughter houses, for conservation and in any industrial sector which necessitates hygienic conditions and surfaces which are easy to clean. EPOFOODY AB is totally atoxic and does not transmit odours, flavours or colours to drinking water.

COVERAGE

The yield per coat is 300-350 g/m².

PRECAUTIONS

- Do not use on surfaces which will be driven over by heavy vehicles.
- Carefully clean tools after use with nitro thinners.
- Use gloves, overalls and goggles.
- In case of coming into contact with the product, remove the product with absorbent napkins and wash with abundant soap and water.
- If using the product in a poorly ventilated environment, provide for suitable ventilation.
- Warm the containers in a pan of hot water to make the product more fluid and easier to work with.
- The minimum application temperature is 10°C.

- In closed spaces avoid inhaling the fumes.
- Concrete flooring must have a suitable vapour barrier.
- Keep the product away from the sun's rays and from heat sources.

SAFETY REGULATIONS

- Harmful if inhaled or swallowed and if it comes into contact with the skin.
- Causes burns.
- Irritant for the eyes and the skin.
- Can cause reactions if it comes into contact with the skin.
- If the product comes into contact with the eyes, wash immediately with abundant water and seek medical advice.
- If the product comes into contact with the skin, wash immediately with an appropriate paste such as Kerocleanse 22.
- Wear protective gloves and clothing to protect the eyes and face.

METHOD OF USE

SUBSTRATE PREPARATION

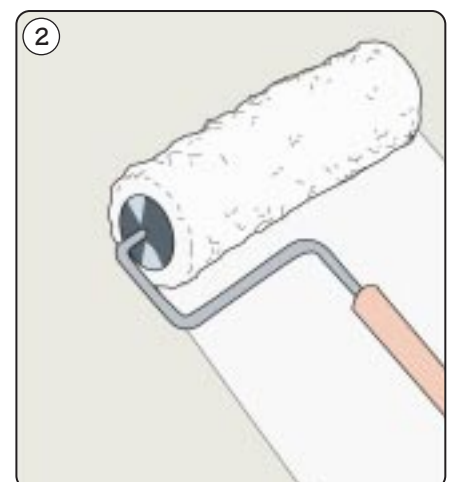
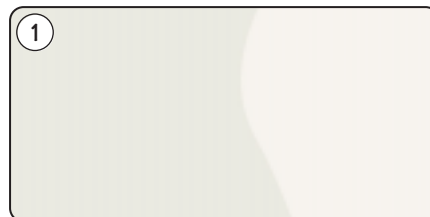
The surfaces to be waterproofed should be clean and free of loose or crumbling parts. Remove any traces of oil or grease using chemical cleaners or by sanding or sandblasting.

Any holes, cracks or cavities in the concrete should be levelled off before hand with Resisto Unifix mortar. After preparing these concrete surfaces, apply a prime coat of 300-400 g/m² of EPOSTOP ABC. In the case of underground tanks, when the proper external waterproofing system has not been installed, it will be necessary to internally waterproof the tank with two coats of Osmoseal, followed by a coat of Epostop ABC.

PREPARING THE MIX AND APPLICATION

Carefully mix component A with component B

until obtaining a homogeneous mix. Once the primer is touch dry but before 24 hours have passed, apply two coats of EPOFOODY to a thickness of 250-300 microns per coat. Apply with a brush or roller.



1. Application by brush
2. Application by roller

EPOFOODY AB

TECHNICAL CHARACTERISTICS

COMPONENT A

Appearance	thick liquid
Colour	white

COMPONENT B

Appearance	liquid
Colour	transparent

EPOFOODY AB

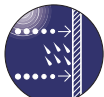
Mix ratio: COMPONENT A : COMPONENT B = 7.5 : 2.5

Appearance	thick liquid
Colour	white
Specific weight (volumetric mass)	1.2 kg/litre
Dry residue	100%
Drying time (U.R. 65% - T +20°C)	
• dust dry	6 hours
• touch dry	14 hours
• completely dry	7 days
Pot life at 20°C	roughly 4 hours
Shelf life in the original containers	12 months

Global migration tests, Experimental Station for the Food Conservation Industry, Parma. The global migration tests (ppm) at 40°C for 10 days give values below the maximum limit provided for by Ministerial Decree 21/3/73 (50 ppm) for: 1st distilled water; 2nd acetic acid 3%; 3rd ethyl alcohol 15%; 4th acetic acid + ethyl alcohol.



TWO-COMPONENT



WATERPROOF



MIX MECHANICALLY



APPLY BY BRUSH



APPLY BY ROLLER



MINIMUM APPLICATION TEMPERATURE



WEAR PROTECTIVE CLOTHING

ADVANTAGES

- Solvent free.
- Suitable for coating surfaces which come into contact with food products.
- Optimal resistance to aggressive chemical agents.

PRODUCT



PACKAGING

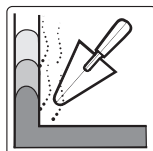
3.75 kg cans (component A)
1.25 kg cans (component B)

index
Construction Systems

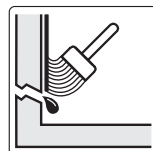
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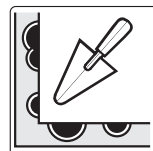
• FOR ANY FURTHER INFORMATION OR ADVICE ON PARTICULAR APPLICATIONS, CONTACT OUR TECHNICAL OFFICE
• IN ORDER TO CORRECTLY USE OUR PRODUCTS, REFER TO INDEX TECHNICAL SPECIFICATIONS



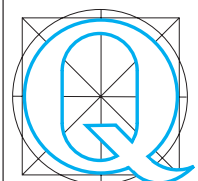
Restoration of damp masonry using damp-proofing renders



Waterproofing with vapour permeable cements



Concrete refurbishment



TOTAL QUALITY
Q.S. ISO 9001

ring the numerous possible uses and the possible interference of conditions or elements beyond our control, we assume no responsibility regarding the results which are obtained. The purchasers, of their own accord and under their own responsibility, must establish the suitability of the product for the envisaged use.

The figures shown are average indicative figures relevant to current production and may be changed or updated by INDEX S.p.A at any time without previous warning. The advice and technical information provided, is what results from our best knowledge regarding the properties and the use of the product. Consider