

Ecoplast

Code: 6499.153

EPOXY COATING FOR COOL BOXES

- CERTIFIED FOR USE WITH FOODSTUFFS
- CERTIFIED FOR DRINKING WATER
- HYGIENIC AND EASY TO CLEAN
- NON-TOXIC AND ODOURLESS
- SMOOTH, RESISTIVE SURFACE

CHARACTERISTICS

Epoxy coating for internal use where there is contact with foodstuffs. Recommended for the treatment of ice-boxes, cool boxes, galleys and drinking water containers. This product is certified for use with foodstuffs, in particular drinking water, fresh and refrigerated fish, molluscs, crustaceans, etc. Ecoplast is an odourless, solvent-free product which is easy to apply even in confined areas. This product is a sealant and a barrier paint with a high resistance to chemical agents.

Ecoplast conforms to D.M.21/3/1973 (concerning hygiene in packaging, containers and utensils intended to come into contact with foodstuffs) and DM 06/04/2004 n.174 (concerning materials and equipment used in facilities for the containment, treatment, conveyance and distribution of drinking water for human use).

TECNICAL DATA

Curing mechanism:	chemical reaction
Specific weight:	1.35 ± 0,02 Kg/L
Solid By Volume:	100 %
Flash Point:	+102 °C
Appearance:	glossy
Colour:	white
Packaging:	2,50 litres

SURFACE PREPARATION

The product can be applied directly to clean, degreased surfaces which have been sanded and/or sandblasted. Surfaces already used for containing foodstuffs must be degreased to remove any traces of grease before being sanded to improve adhesion.

- New wood: priming surface with Fibrodur.
- New gelcoat: degreasing , washing down with fresh water and sanding with 280-320 grit paper.
- New steel : Execute a grit-blasting Sa 2½ or, after consulting with our technicians, a cleaning mechanical grade St 3 .

APPLICATION

Mix the base and the hardener thoroughly in a ratio of 2:1 by weight or 3:2 by volume. The product is ready for application and does not need to be thinned. Use Thinner 6610 for cleaning the painting tools. Apply the product with a brush or short-pile roller in a thickness of 150 µm per coat. The product's high levelling properties make application quick and easy. Pot life it's 50 minutes at 20°C, on 200 gr. of catalized product, but it depend by applying's temperature and catalized quantity. Table below sum up this behavior respect temperature:

Temperature	Pot life
20°C	50 minutes
25°C	40 minutes
30°C	35 minutes
35°C	25 minutes

If catalized quantity it's over 200gr, weight effect can cut down pot life. So we suggest to mixing not over of 350 gr. Ecoplast requires a minimum period of 7 days at a temperature above 15°C to fully cure before being submerged. For drinking water tanks we suggest to wash with plenty fresh water before use.

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APPLICATION DATA

Drying time before use (20 °C):	7 days
Pot Life (20 °C):	50 hours
Application temp. min/ max:	+15/+35 °C
Hardener:	6499.999
Mixing ratio by volume:	3:2 (60:40)
Mixing ratio by weight:	67:33 (2:1)
Thinner/Thinner for cleaning:	6610 for cleaning only
Wet film thickness per coat:	150 µ
Dry film thickness per coat:	150 µ
Theoretical coverage per coat:	6,7 m ² /L
Minimum covering time (20 °C):	8 hours
Maximum covering time (20 °C):	24 hours
Number of coats:	2

NOTES

SAFETY RULES

Even though this product does not contain solvents, the working area must be well ventilated during application. The use of goggles, gloves, masks and protective clothing is recommended. Before use read the sections 7-8 of the Safety Data Sheet (MSDS). INSTRUCTIONS FOR THE SAFE BIOCIDAL PRODUCT DISPOSAL AND PACKAGING Empty packaging having contained biocidal products: empty packaging shall be disposed of in compliance to provisions required by the law on disposal of said waste, for example by consignment to a recycling centre. Packaging containing unused biocidal product: the unused product shall be disposed of in compliance to provisions required by the law on disposal of said waste, for example by consignment to a recycling centre, in this case it is forbidden to recycle packaging. Do not empty into drains and watercourses. The paint cans must not be stocked outside and must be stored at a temperature between 10 ° C and 35 ° C. Do not expose to the sun.

DISCLAIMER The information in this data sheet is based on accurate laboratory tests and practical experience, which guarantee the quality of the product if used according to our recommendations. The data contained herein are liable to modification as a result of continuous product development. We do not accept any liability arising from use not in accordance with our recommendations, unless authorized specifically by the Veneziani Technical Services. This edition annuls and replaces all previous issues.