

Unikote PRO

Code: 6485. ...

MULTIPURPOSE EPOXY COATING

- EASY TO USE
- HIGH SOLIDS BY VOLUME WITH BARRIER EFFECT
- LOW VOC
- SURFACE TOLERANT
- DIRECT ADHESION TO ALL METAL SURFACES

CHARACTERISTICS

Two-pack, high-build paint with a dual-purpose: protection and finish. This paint can be applied to any type of pre-existing coating in good condition. It can be applied also without primer directly to gel-coat, steel and light alloy both at low and high thickness. Unikote PRO withstands atmospheric agents, immersion, abrasion, wear and has a high chemical and mechanical resistance.

This new formulation is resistant against carbamate formation with limited tendency to blushing. Therefore it can be used also as a finish for professional boats, although its glossiness fades faster if compared to enamels. Unikote PRO is the ideal paint for all working boats owing to its long protection, the possibility of application under less favourable climatic conditions as well as the practical advantage of using the same product for hull, topsides, deck and interiors.

TECNICAL DATA

Curing mechanism:	chemical reaction
Specific weight:	1.43 ± 0,02 Kg/L
Solid By Volume:	80 %
Flash Point:	+35 °C
Appearance:	semiglossy
Colour:	ice-white, grey mm
Packaging:	5 litres

SURFACE PREPARATION

- Gel coat and new laminate: after washing and degreasing the surface with Detersil, paper sanding until the surface is mat.
- Steel and light alloy: grit-blasting to SA 2½ or disc-sanding to ST3.
- New wood: paper-sanding and application of one coat of Fibrodur or Resina 2000 to impregnate the substrate. When used as an intermediate coat, wash with fresh water and clean with detergent to remove any traces of oil. Scrape to remove old, flaky paint.

APPLICATION

The two components must be mixed thoroughly until completely homogeneous. Generally no thinning is required but, if necessary, Thinner 6610 can be added. Unikote PRO can be used on hulls by applying at least 2-3 coats with a total thickness of 400 µ directly to old surfaces. The final coat of can be overcoated when touch dry, after about 6-8 hours at a temperature of 20°C with a relative humidity of 60-70%. For best results, this product should be applied when the temperature of the substrate is above 7°C. At all times this temperature must be at least 2°C above the dew point.

Minimum recoat interval : 4 hours; Maximum*: Unikote PRO on itself has no maximum recoat interval ; antifouling and one/two-pack paints to Unikote PRO have a maximum recoat interval of 24 hours, but only for small areas and touch up, otherwise apply 1 coat of Adherglass (15 microns) or 1 coat of Ticoprene (50 microns) before antifouling.

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APPLICATION DATA

Drying time before use (20 °C):	7 days
Pot Life (20 °C):	2 hours
Application temp. min/ max:	+5/+35 °C
Hardener:	6485.999
Mixing ratio by volume:	± 4:1 (82:18)
Mixing ratio by weight:	87:13
Thinner/Thinner for cleaning:	6610
Wet film thickness per coat:	200 µ
Dry film thickness per coat:	150 µ
Theoretical coverage per coat:	5,3 m ² /L
Minimum covering time (20 °C):	4 hours
Maximum covering time (20 °C):	* unlimited
Number of coats:	2-4

NOTES * 24 hours for antifoulings

Spray application data	Conventional	Airless
Fluid tip orifice	1,8/2,5 mm.	0,021/0,026 inch.
Air pressure	2,0/3,0 atm.	/
Compression ratio	/	30:1

SAFETY RULES

Adequate ventilation must be provided when applying this product in a confined area and during the subsequent drying period. The product contains solvents which could form an explosive mixture when combined with air and exposed to a naked flame, sparks or electrostatic discharge. The wearing of goggles, masks, gloves 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.