

Unikote

Code: **6471. ...**

multipurpose protective paint

- EASY TO USE
- UNIVERSAL USE
- HIGH RESISTANCE
- FOR HULLS AND SUPERSTRUCTURES
- SURFACE TOLERANT

CHARACTERISTICS

Two-pack, high-build paint with a dual-purpose: protection and finish. This paint can be applied to any type of pre-existing paint. Unikote withstands atmospheric agents, immersion, abrasion, wear and has a high chemical and mechanical resistance. It can be applied both to protect the hull and as a finish for decks and topsides. Unikote gloss fades faster than an enamel under the action of atmospheric agents but the duration of the protection and the practical advantages of using a single product for the entire system make it an ideal paint for all working boats. It also dries well at low temperatures. Diluted at 25-30% it can be used as primer or tie-coat.

TECHNICAL DATA

Curing mechanism: chemical reaction

Specific weight: 1.43 ±0.02 kg/l

Solids by volume: 80 %

Flash point: +35 °C

Appearance: semiglossy

Colour: see colour chart

Packaging: 5 / 20 litres

SURFACE PREPARATION

Sandblast to SA 2½ or disc grind to ST3 when Unikote is being used as a primer. 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 thoroughly mixed until completely homogeneous. Generally no thinning is required but, if necessary, Thinner 5610 can be added. Two or three coats are normally sufficient to provide a total thickness of 300 µ which will ensure excellent protection of topsides, decks and superstructures of boats made of steel, light alloy, wood and GRP. Unikote can be used on hulls by applying at least 2-3 coats with a thickness of 400 µ directly on old surfaces. The final coat of Unikote can be painted over when it is 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 of the surrounding air. *The maximum times of covering are the followings: Unikote above Unikote is boundless, antifouling above Unikote is max 36h only for small area otherwise apply 1 coat of tie-coat Adherglass (15 microns) or Ticoprene AL (50microns) before antifouling.

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Drying time before use (20°C): 7 gg

Pot life (20°C): 2 h

Application temperature min - max: +5/+35 °C

Hardener: **6471.999**

Mixing ratio by volume: 82:18 (ca. 4:1)

Mixing ratio by weight: 87:13

Thinner: 5610

Wet film thickness per coat: 200 μ

Dry film thickness per coat: 150 μ

Theoretical coverage per coat: 5,3 m²/l

Overcoating time (20°C): min 6 max 36* h.

Number of coats: 2-4

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, spark or electrostatic discharge. The wearing of goggles, masks, gloves and protective clothing is recommended.

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