

Physical Property Data

Appearance: Very Clear Colourless Liquid
with solvent odour.

Properties: Non Yellowing
High Abrasion Resistance
Fast Drying
Excellent Adhesion
Stops metal tarnishing

Theoretical Coverage: 20 Mtrs/Ltr

Drying Time @ 25 °C

Touch Dry 5 mins.
To handle 15-30mins

Film Thickness: 50 Microns in 3 thin coats

Weathering: Very good

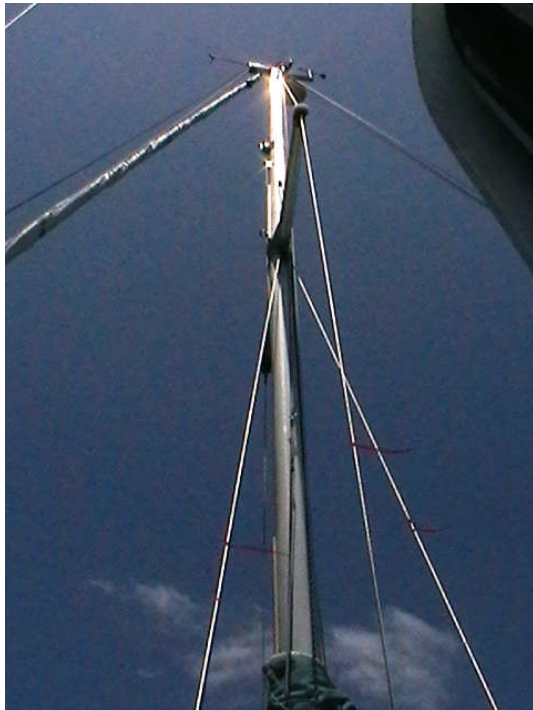
Solvent Resistance: Poor

Chemical Resistance: Good

Abrasion Resistance: Excellent

Water: Excellent

Temperature: OK for all ambient conditions



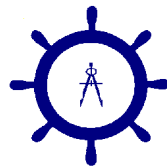
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in Australia for
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marine
industry

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Ideal for
Aluminium, Bronze
&
Copper Alloys

Envelon Marine – Clear Metal

Coating is a solvent based Acrylic Sealer which forms a hard, clear, long lasting film which protects metals against;

- ✓ “White Rust” formation on aluminium.
- ✓ Tarnishing of polished metal surfaces.
- ✓ Colour fading due to Ultraviolet Rays.
- ✓ Rust of Ferrous metals.
- ✓ Revitalises faded paintwork & powder coated surfaces.

Envelon Marine is formulated to provide long term protection to all metals indoors and outdoors even in areas of high humidity. It was developed by Dominion Plastics for providing long term protection of Brass & Bronze and it works extremely well on Aluminium Boats.

USES

Envelon Marine is an extremely versatile product and has many uses in marine, industrial & household applications:

- ✓ Aluminium boats and fittings including masts.
- ✓ Storage & transit protection of tubing, hardware, implements, power tools, tailpipes, mufflers & decorative accessories.
- ✓ Provides extended protection of galvanised sheet & prefabricated metal parts against “white Rust” / oxidation indoors & outdoors.
- ✓ Protection of aluminium and aluminium alloy surfaces is outstanding including aluminium fabrications & extrusions.
- ✓ Polished bronze and other non-ferrous metals.

Note: *Envelon Marine is not suitable for continuous immersion.*

SURFACE PREPARATION

Surfaces to be coated must be free from dust, dirt, grease or oils. Aluminium must be cleaned to remove the oxidation film by mechanical cleaning with “Scotchbrite” or similar with soapy water or by Acid etching. Bronze and other tarnished surfaces should be cleaned with a suitable cleaner, but do not polish the surface. If the surface has been polished ensure the polish was silicone free. Wipe down with methylated spirits before applying Envelon Marine.

APPLICATION

Application of Envelon Marine is easy and it can be applied by spraying, dipping, brush or by cloth 10 to 35°C. For best results apply to clean dry surfaces. It is important to apply at least 3 thin coats spaced one (1) hour apart (as soon as the surface is dry). Do not apply a single thick coat as it will create “runs”. Full cure is achieved in forty eight (48) hours and it will provide several years of maintenance free service in full sun.

Should the surface be damaged due to impact or abrasion it is easily restored by scuffing the immediate area with a “Scotchbrite” and then apply 2-3 coats of Envelon Marine in the localised area. Maintenance coatings can be applied by cleaning the surface and recoating. On yacht & Dinghy masts where halyards are in contact, it is recommended that a maintenance coat be applied every 12 to 24 months.

SAFETY

Envelon Marine is a solvent based product and care should be taken when handling and applying it.

Refer to Material Safety Data Sheet and Technical Data Information Sheet before use.

Envelon Marine Sizes

250 & 500ml
1.0, 4.0 & 20 litre
Containers

