

Marine Paint Manual

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Issue Date: March 2021 (ES)

ECOSILK AXEL

A biocide-free antifouling paint based on the technology of the silicone elastomer. Low frictional resistance to prevent shipfouling organisms from settling is realized by the silicone elastomer that has super water repelling property. It ensured the stable and long term antifouling performance to prolong the intervals of docking. This single paint provides excellent applicability.

| | | | | |
|--|--|----------------------------------|---|-------------------|
| Suitable Use | Finish for super water repellent antifouling | | | |
| Type | Silicone Elastomer (Single pack /moisture-cured type) | | | |
| Color | Marigold | | | |
| Gloss | Gloss | | | |
| Volume Solids | 78 ± 2% (ISO3233:1998) | | | |
| Typical Dry Film Thickness | 150 μm | | | |
| Approx. Wet Film Thickness | 192 μm | | | |
| Theoretical Coverage | 5.20 m ² / L (150 μm) | | | |
| Drying Time | Surface Dry | 1 hour (5°C) | 30 minutes (20°C) | 20 minutes (30°C) |
| | Dry Hard | 3 hours (5°C) | 2 hours (20°C) | 1 hour (30°C) |
| Interval before Overcoating (by self) | Min. | 3 hours (5°C) | 2 hours (20°C) | 1 hour (30°C) |
| | Max. | — (5°C) | — (20°C) | — (30°C) |
| Interval before Immersion | Min. | 12 hours (5°C) | 6 hours (20°C) | 5 hour (30°C) |
| Thinner | Dilution Not Allowed. For cleaning, use NIPPON MARINE THINNER 600. | | | |
| Application Method | Airless Spray | Tip range | 0.53 mm | |
| | | Fan angle | 55 ~ 69° | |
| | | Output pressure | above 150 kg / cm ² | |
| Typical Package | Brush / Roller | For touching up small areas only | | |
| | | 16 Kg | Package may vary from country to country. | |
| Japan Local Brand | ECOSILK AXEL | | | |
| Flash Point | 25 °C | | | |
| Surface Preparation | All surfaces to be coated should be clean, dry and free from contamination. High pressure fresh water wash and remove all oil / grease, soluble contaminants and other foreign matters. | | | |

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Safety

Take precautions to avoid skin and eye contact (i.e. gloves, goggles, face masks, barrier creams etc.)
Proper ventilation and protective measures must be provided during applications and drying period to keep solvent vapor concentrations within safe limits.
Prior to use, obtain, consult and follow the SDS for this product concerning health and safety information.

<Note>

- 1) The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.
- 2) This product is a single-pack, moisture-cured silicone elastomer. Store it with a cover after use to avoid skinning caused by contact with the air.
- 3) Store the paints in paint store.