

# RenoTop Marine 1-K

## Technical Data Sheet

### Applications:

RenoTop Marine 1-K is a high-gloss 1-component oxidative drying polyurethane/alkyd varnish developed for the offshore sector. The coating has excellent flow properties and is easy to apply by brush, roller or sprayer. RenoTop Marine 1-K has excellent gloss retention properties and very low flame spread.

RenoTop Marine 1-K provides a durable protection with easy-to-clean properties, which makes renewed contamination less likely to adhere and thus easier to remove. RenoTop Marine 1-K is available in all RAL colours.

Colour and gloss retention of topcoats/finishes can vary, depending on type of colour; exposure to the environment such as temperature, UV intensity, etc; and quality of application. Contact your local Impressed Pro Marine dealer for more information.

### Surface conditions and general pre-treatment of the surface:

Clean the surface thoroughly to remove all forms of contamination, such as grease, loose paint, oils, waxes, etc. Damaged or previously coated surfaces must be treated with a suitable repair system, followed by sanding of the surface with a sanding medium P360-P400 if necessary. The surface that requires treatment should also meet the relevant conditions.

Complete System: Primer, Filler, undercoat and finish coat\*

**\*Before application and implementation of RenoTop Marine 1-K individually or as part of a system is a thorough project inspection, written project advice and RFP from our technical adviser and R & D department necessary.**

### Considerations during application:

- Always conduct a reference test on the surfaces that require treatment, to evaluate both the adhesion and the aesthetic result.
- The surface should be completely dry and clean when the product is applied.
- This product should be used at a maximum relative humidity of 85% and an outdoor temperature of at least 10°C.
- The temperature of the surface that requires treatment should be at least 1°C above the dew point.
- Do not apply this product in direct sunlight or on a hot surface > 25°C, or on surfaces directly exposed to the wind.

### Product usage:

Depending on the technical maintenance condition and porosity of the substrate, the theoretical yield is in average 5-12 m<sup>2</sup> p/ ltr.

The above usage is indicative and should be determined by first applying to a small test area.

### Instructions for use:

1. Screen and/or tape off all surrounding surfaces that are not to be treated before starting the work.
2. Immediately before applying RenoTop Marine 1-K, clean the entire surface using Surface Cleaner Wipes, and allow this to dry completely.
3. The surface to be treated must be completely dry before applying the coating system. The presence of moisture during application will immediately affect the result.
4. Apply RenoTop Marine 1-K using a roller, brush or, for large surfaces, suitable spraying equipment.
5. Clean tools with a solvent-containing cleaning agent.
6. Ensure that the surface is protected against the effects of rain for at least 3 hours after drying (depending on the temperature and relative humidity).

### Recommended film thickness per coat:

<b>Dry:</b>	Minimum 30 µm	<b>Dry:</b>	Maximum 50 µm
<b>Wet:</b>	Minimum 60 µm	<b>Wet:</b>	Maximum 105 µm

### Specifications:

Appearance:	Liquid
Color:	RAL color
Solid substances:	50%
Flash point:	36 °C
VOS-EU:	421

### Hazard symbols and H & P statements (CLP):

Consult the MSDS of the relevant components for the hazard symbols and H & P phrases. Ensure adequate ventilation during the application and drying time. Avoid contact with the skin and eyes by means of suitable personal protective equipment (PPEs) such as gloves, safety goggles, suitable footwear, protective creams and similar. Also refer to the instructions on the packaging and/or MSDS.

**Safety aspects:** consult the safety data sheet.

**Hazard Class (transport):** consult the safety data sheet.

### Packaging and industrial waste:

Treat as industrial waste in accordance with the applicable regulations. Collect process water in accordance with the applicable local regulations.

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This information is based on laboratory tests and practical experience. **For application and use, please adhere strictly to the descriptions in the technical product information sheets and MSDS sheets.** We do not accept any liability for any advice provided by us. The application, use and handling of the products are the sole responsibility of the user. All our documents and texts have been prepared to the best of our knowledge, language and translation errors are expressly excluded and can never lead to any liability.

**RenoTop Marine** is part of the Impressed Pro® Marine product range, developed to clean and preserve all types of all common surfaces and materials on and around boats and/or ships. For specific questions and applications, as well as for the up-to-date TDS and MSDS sheets, please visit our website [www.impressedpro.com](http://www.impressedpro.com) or contact your distributor and / or technical advisor.

### Disclaimer:

The information in this document has been provided by Cleaning Care Products International B.V. with the best intentions and based on available knowledge and is based on laboratory tests and practical experience. Cleaning Care Products International B.V.'s products are considered intermediate products and as such, the products are often used under circumstances beyond the control of Cleaning Care Products International B.V.

As a result, Cleaning Care Products International B.V. can only guarantee the quality of the product itself. The advice given by us and the information in this document can never result in any liability. Application, use and processing of the products fall under the exclusive responsibility of the user. Small product variations can occur, in order to comply with local requirements. Cleaning Care Products International B.V. retains the right to amend this information without prior notification.

The user must consult Cleaning Care Products International B.V. at all times for specific guidelines on the general suitability of this product for their needs and specific application.

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