

Water-Borne Self-Priming Finish for Interior of Superstructure

ODEMARINE PF

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NIPPON PAINT MARINE

ODEMARINE PF, a one-pack anticorrosive epoxy paint for interior of superstructure, engine room and so on, realizes the finish with a single coat resulting in shortened painting process and cost reduction.

This water-borne and eco-friendly product has the durability superior to that of oleoresinous paint.

MERITS

1. Water-Borne Paint

- Eco-friendly work environment (low VOC, weak odour, heavy metal free, small amount of waste paints and so on)

2. Excellent A/C Property and Durability

- Equal or superior to those of 2 coat oleoresinous paint system

3. Finish with a Single Coat (Dry Film Thickness: 80 μ m ~ 100 μ m)

- Reduced painting process and cost

4. High Adhesion

- Enhanced adhesiveness to current oleoresinous A/C and various paints (ex. inorganic shop primer, organic zinc primer, rust-free primer and so on)
- Topcoats of various bases (ex. oleoresin, chlorinated rubber and epoxy) can be applied

5. Quick-drying Property (Interval before Overcoating: 6 hrs/20°C and 12 hrs/5 °C)

- "One Day One Coat" is feasible even in winter

6. Variety Reduction in Products

- Low inventory volume

7. No Rust Flushing*

- The iron surface with ODEMARINE PF applied directly is free from rust-flushing
- ※Rust Flushing : A phenomenon that active iron surface, where water-borne paint is applied, often gets rusty.

APPLICATION

- The interior of superstructure, engine room, pump room, bosun store and so on

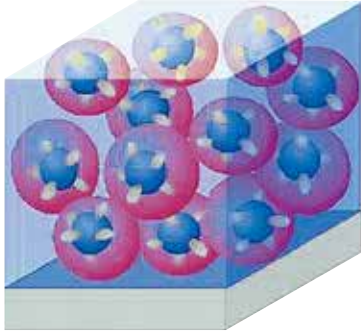
COLOUR

- White and light colour
- For deep-coloured floor finishing, various topcoats (oleoresinous, chlorinated rubber, epoxy, water-borne and so on) can be applied.

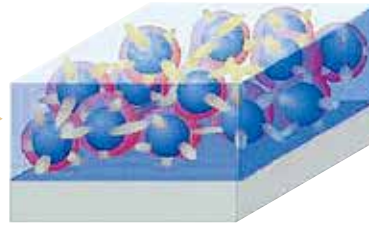


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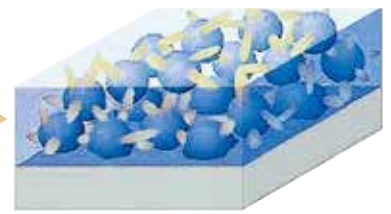
MECHANISM



Stable dispersion state in water.



Evaporation of volatile component leads to the reaction.



In the reaction, the paint layer consists of epoxy structure is formed to enhance the durability and water resistance of the film.

COATING PERFORMANCE

	Salt Spray Test 300 hours.	Combined Cycle Test 70 cycles	Water Resistance Immersion for 3 weeks
ODEMARINE PF 80 μ m x 1 coat			
Typical Oleoresinous System Primer 70 μ m x 1 coat + Top Coat 30 μ m x 1 coat			

SAFETY PRECAUTIONS

When handling, please refer to the following precautions.

HANDLING AND STORAGE OF OUR PRODUCTS

1. When handling, protect your skin wearing, for example, dust protection mask, gloves, aprons, safety glasses and so on.
2. After the application, rinse your mouth and wash hands thoroughly so that the paint and so on are removed.
3. Keep the container closed and store at temperatures of 0°C to 40°C.
4. Store any product in the place out of children's reach.
5. Avoid suspending of the container. If necessary, use an appropriate device and lift it vertically.
6. Do not use the products for improper purposes.

EMERGENCY PROCEDURE

1. If the paint and so on get in your eyes, wash them off with water and take medical advice from a doctor immediately.
2. If the paint splashed on your skin, wash off with soap and water. When you feel pain or find any change in the appearance of the skin, consult a doctor immediately.
3. If you feel sick after inhalation of fumes, gases etc., lie quietly and, when necessary, consult a doctor immediately.
4. If you swallow the paints by mistake, consult a doctor immediately.
5. If the contents spilled from the container, cover it with sand etc and take appropriate measures.

WHEN DISPOSING, TREAT THE WASTE MATERIALS AS INDUSTRIAL WASTES.

Wastes produced as result of water refining and incineration should be disposed in accordance with regulations or should be entrusted to the licensed industrial waste disposal companies.

For detailed information, please refer to the Material Safety Data Sheet (MSDS). Please consult us beforehand when you are going to export them.