

ANTIFOULING PAINT SYSTEMS

Antifouling Paint for Commercial Vessels and Workboats

JDMARINEPAINT antifouling systems are designed for underwater hull fouling control, dry-dock maintenance and commercial vessel operation.

System Positioning

Fouling Control

Helps reduce barnacles, algae and slime attachment on underwater hulls.

Hull Performance

Supports smoother hull condition, cleaner dry-docking inspection and practical fuel-saving goals.

System Compatibility

Designed as part of an underwater system with epoxy primer and epoxy tie coat.

Core Product Range

PRODUCT	TYPE	MAIN USE	SELECTION NOTE
JD753	Tin-free self-polishing antifouling	Commercial vessels, varied water areas and longer service expectations.	Core recommendation for most commercial antifouling inquiries.
JD853	Enhanced self-polishing antifouling	Warm water, high-fouling ports and demanding vessel operating profiles.	Use when fouling pressure or service expectation is higher.
JD744 / JD713	Chlorinated rubber antifouling	Coastal vessels, workboats and routine dry-dock maintenance repaint.	Practical repair option where cost and simplicity matter.
JDL44-83	Bituminous antifouling	Barges, short-interval repair and budget-sensitive underwater protection.	Confirm previous coating compatibility before repaint.
JDH263	Epoxy tie coat	Transition layer between epoxy primer and antifouling topcoat.	Recommended bridge layer in underwater hull systems.

Recommended System Routes

SERVICE PROFILE	SUBSTRATE / PREVIOUS COAT	SUGGESTED BUILD-UP	NOTES
Ocean-going commercial vessel	Prepared steel with epoxy primer	JDH815 or JDH06-4 primer + JDH263 tie coat + JD753 topcoat	Balanced long-acting antifouling route for commercial hulls.
High-fouling water area	Epoxy tie coat over prepared hull	Epoxy primer + tie coat + JD853 or JD753	Confirm water temperature, idle time and target dry-docking interval.
Coastal vessel / workboat	Prepared steel or sound existing coating	Primer repair + JDH263 if required + JD744 or JD713	Practical maintenance route for shipyard repaint projects.
Budget repair / barge	Prepared underwater hull	Compatible primer + JDL44-83 bituminous antifouling	Economical option for short-interval maintenance.

Key Selection Factors

- **Vessel profile:** speed, route, idle time, port stay and water temperature.
- **Service target:** long dry-docking interval, quick maintenance, budget control or severe fouling resistance.
- **Previous coating:** old antifouling type, coating age, adhesion condition and compatibility risk.
- **System build-up:** anti-corrosion primer, tie coat and antifouling topcoat should be specified together.

This brochure is a product selection guide. Final coating specifications should be confirmed against the latest product TDS, service environment, surface preparation condition and local regulation.