Dowill

防污涂料
DWAFMARINE



Dowill Paint
德威涂料

系列产品、卓越防污
Products Series Excellent Anti-fouling

德威涂料防污漆系列 Series	自抛光防污漆 Self polishing anti-fouling Paint			主动防御型防污漆 Advanced Fouling Defence Coating
	丙烯酸 Acrylic	甲基丙烯酸硅烷 Methacrylate Silicon	新一代甲基丙烯酸硅烷 New generation Methacrylate Silicon	丙烯酸有机硅 Acrylate Silicon
适用于低活动水平的船舶 Low activity ship	•	•	•	•
适用于高活动水平的船舶 High activity ship	•	•	•	•
高温环境下可涂装 Can be apply in high temperature	•	•	•	•
低温环境下可涂装 Can be apply in low temperature	•	•	•	•
轻松覆涂 Easy overcoating	•	•	•	-
低摩擦技术 Low friction	-	•	•	•
投资回报 Invest return	***	****	*****	*****
适用条件 Suitable	常规性能 Regular Performance	高性能/节约燃料 Good Performance. Fuel Saving	卓越性能/节约燃料 Excellent Performance. Fuel Saving	满意度/节约燃料 Satisfaction Performance. Fuel Saving
防污期效90个月 90 months service intervals			DWAFMARINE 9000S	R&D
防污期效60个月 60 months service intervals		DWAFMARINE 9000	DWAFMARINE 9000S	R&D
防污期效36个月 36 months service intervals	DWAFMARINE 6000	DWAFMARINE 9000	DWAFMARINE 9000S	R&D

DWAFMARINE 6000

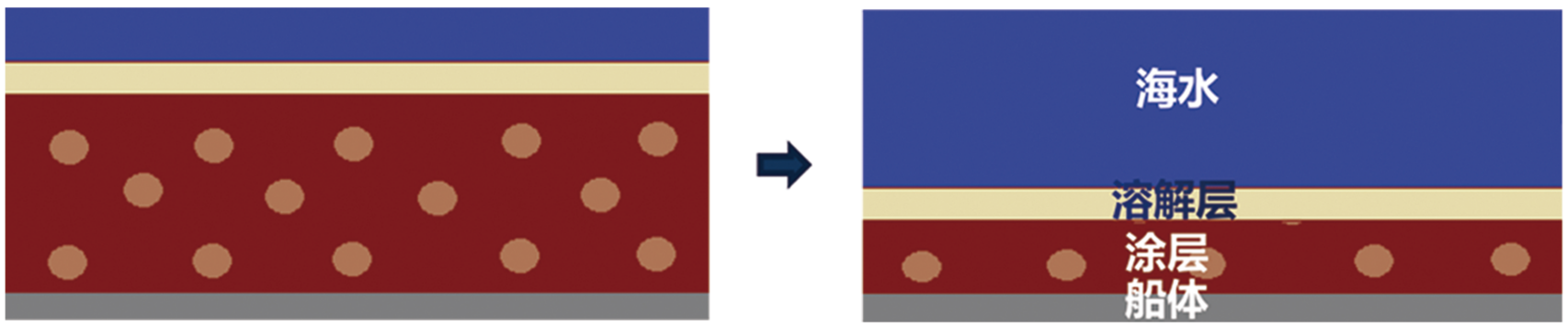
-可靠的性能
Reliable Performance
-高效树脂和杀菌剂，确保抛光和杀菌剂的受控释放
Efficient resins and biocides to ensure polishing rate
-利用松香树脂实现稳定的自抛光功能
Stable self-polishing with rosin resin
-建议用于低航速模式
Recommended for Low Speed Mode
-优质的投资回报
Good return on investment
-性能保证
Performance guarantee

-易于重涂

Easy overcoating

-长达36个月的长效防污性能

Long term anti-fouling performance for up to 36 months



DWAFMARINE 9000

-世界顶级树脂原材料保证

World-class resin raw materials guarantee

-优质生物灭杀剂，具有非常广的耐硬、耐软污损生物的能力

Extensive resistance to hard and soft fouling organisms with high quality biocide

-适用于不同航速，优于其他SPC产品

Suitable for different speeds and superior to other SPC products

-优异的低摩擦和自平滑性能

Very smooth coating surface and low friction.

-高固含量，可快速施工，减少入坞时长

High solid, quickly application and reduced docking time

-在寒冷或温暖环境下可灵活施工

Can be application in cold or warm environments

-高抗泛白性和高保色性

Excellent whitening and color retention

-易于重涂

Easy overcoating

-长达90个月的长效防污性能

Long term anti-fouling performance for up to 90 months

-保证5年最大速度损失率为3%，与传统防污涂料相比燃料节省6%。

Maximum speed loss rate is 3% for 5 years. Fuel saving rate is 6% compared to traditional anti-fouling coatings.

计算依据：航速损失摘自 MARINETEK

平均水平	DWAFMARIEN 9000	转换系数	燃油节省
(5%	- 3 %)	* 3 =	6%

DWAFMARINE 9000S

-世界顶级树脂原材料保证

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-优质生物灭杀剂，具有非常广的耐硬、耐软污损生物的能力

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-优异的低摩擦和自平滑性能

Very smooth coating surface and low friction.

-高固含量，可快速施工，减少入坞时长

High solid, quickly application and reduced docking time

-在寒冷或温暖环境下可灵活施工

Can be application in cold or warm environments

-高抗泛白性和高保色性

Excellent whitening and color retention

-低摩擦系数

Low friction coefficient

-易于重涂

Easy overcoating

-长达90个月的长效防污性能

Long term anti-fouling performance for up to 90 months

-保证5年最大速度损失率为1.5%，与传统防污涂料相比燃料节省10.5%。

Maximum speed loss rate is 1.5% for 5 years. Fuel saving rate is 10.5% compared to traditional anti-fouling coatings.

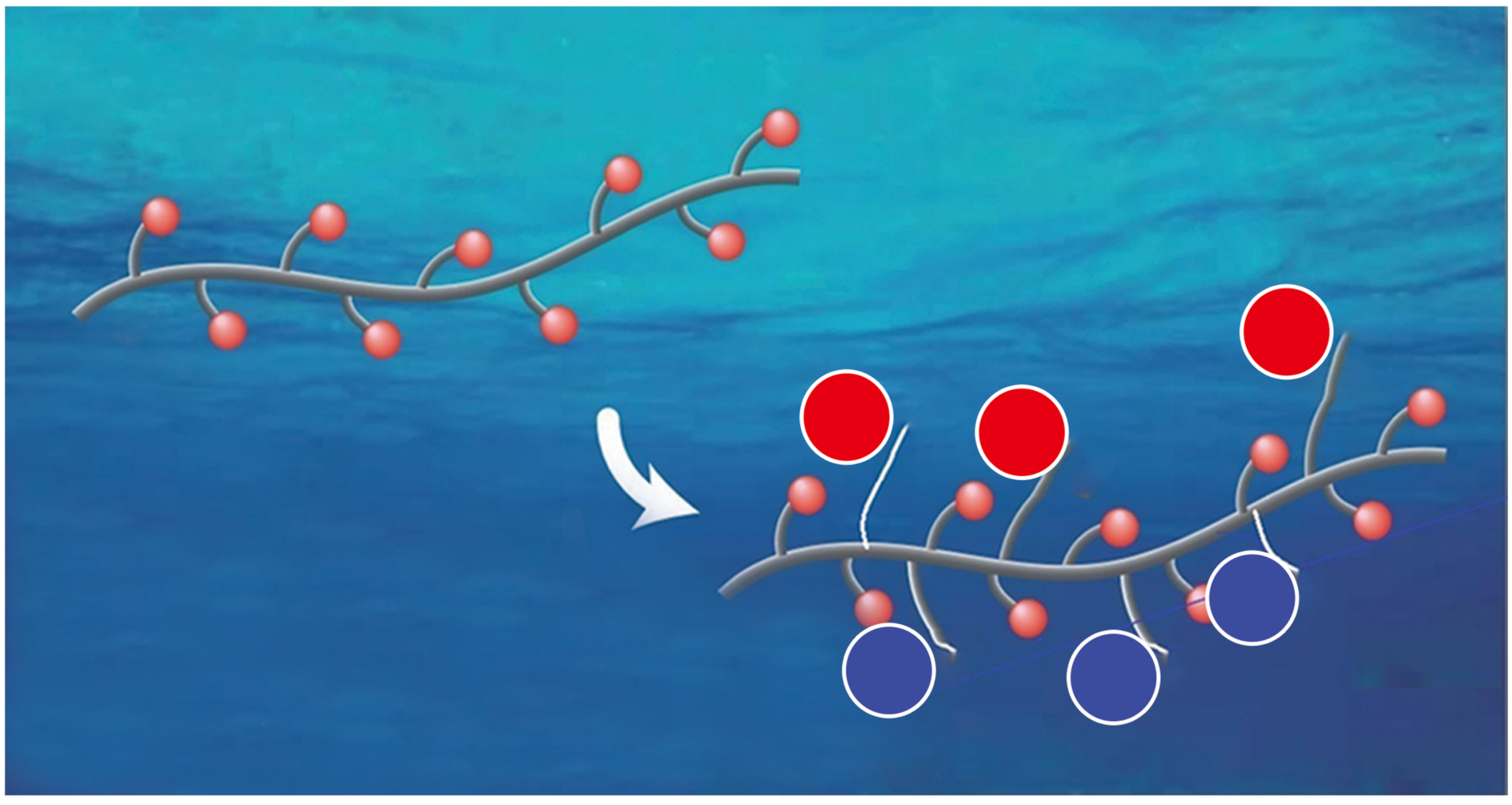
计算依据：航速损失摘自 MARINETEK

平均水平	DWAFMARIEN 9000S		转换系数		燃油节省
(5%	-	1.5 %)	* 3	=	10.5%

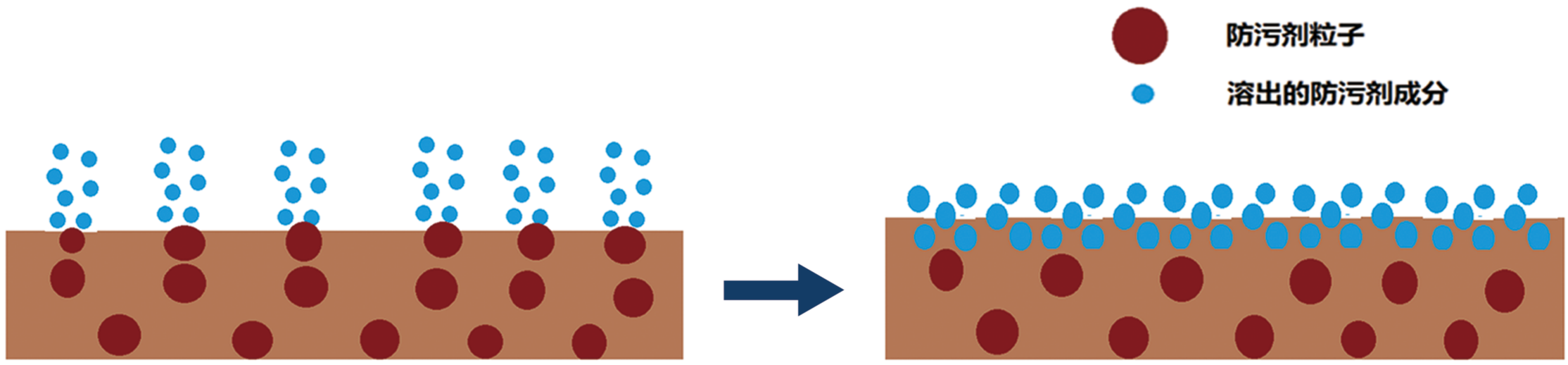


设计思路创新
Design Concept Innovation

亲疏水树脂的独特设计
Unique design of hydrophilic & hydrophobic resin



亲水性：防污成分的扩散Hydrophilic: diffusion of anti-fouling components
疏水性：防污成分的保持Hydrophobic: maintenance of anti-fouling components
独特的亲疏水树脂结构赋予涂膜新功能，提高防污性能。
The unique hydrophilic and hydrophobic resin structure. Excellent anti fouling performance.



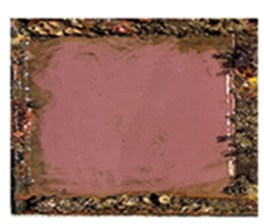
传统型防污漆 Original Paint
通过防污漆表面的防污剂溶出，发挥防污作用
Anti-fouling property with dissolving the anti-fouling agent on the surface

防污漆DWAFMARINE 9000
通过亲疏水树脂结构，防污剂扩散并能够保持在溶出层表面，发挥长效防污
The anti-fouling agent diffuses and can remain on the surface of the dissolution layer with the hydrophilic and hydrophobic resin. Long service intervals.

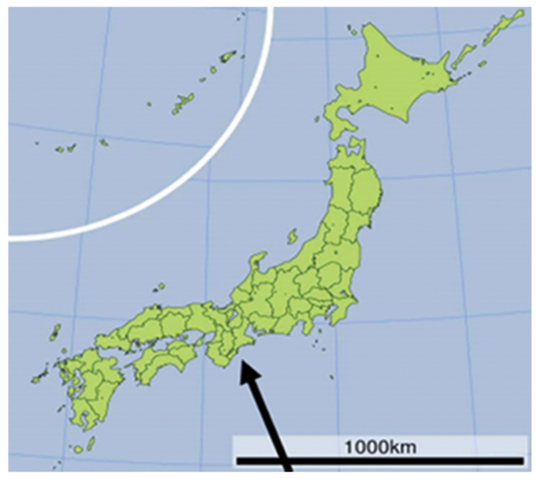
防污性能
Anti-fouling Performance

静态浸泡
Static Immersion Test
厦门725所涂料检测站
Coating test station of 725 Institute
海水浮阀试验场18个月
18 months in sea water float testing site



传统产品	竞品	DWAFMARINE 9000
		

动态抛光速率测试
Polishing Rate Test
日本三重县尾鹫市
Ojitsu City, Mitsui Prefecture, Japan
海上试验场18个月
18months in offshore testing sites



传统产品	竞品	DWAFMARINE 9000
		

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德威涂料
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