

# ABC – Tin Free Self Polishing Antifouling

## The world's pioneer in organotin-free antifouling technology

The IMO ban on the use of antifouling coatings that utilize organotin biocides is the culmination of a long-standing concern about the use of these compounds as pesticides. Shortly after the introduction of organotin-containing, self-polishing antifouling, the ABC product line was proactively developed as a more environmentally acceptable alternative. Ameron's ABC tin-free antifouling comply with the IMO ban on organotin. ABC antifouling provide a comparable level of long-term performance in both fouling control and hull roughness reduction for periods of as long as 60 months.

Only ABC antifouling can boast of a well-proven, 20-year-plus track record. They provide the high levels of reliable service required in today's environment of extended drydocking periods and high fuel costs-and they do so with economies in both material and application costs.

Performance, economics and reliability in tin-free antifouling performance really is "as simple as ABC".

### ABC 3

- Self-polishing – reduces hull roughness
- Controlled release of tin-free biocide over entire service life
- Long term performance for up to 60 months
- Compatible with most existing antifouling
- Suitable for normal trade routes and operating conditions
- Indefinite recoating with itself
- No maximum period before launching



ABC 3 after 60 months plus service

Formulated based upon a unique terpolymer resin system, ABC 3 effectively controls the growth of slime, shell and weed fouling for extended periods. ABC 3 does this through the controlled delivery of the tin-free biocide package over the system. This is accomplished as the coating film evenly polishes with the vessel's movement, reducing hull roughness for additional economies. ABC 3 has demonstrated performance rivalling that of tin containing self-polishing antifouling.

### ABC 4

- Economical
- Self-polishing; reduces hull roughness
- Long-term performance for up to 36 months on sides and up to 60 months on flat bottoms
- Compatible with most existing antifouling

ABC 4 is an economical solution to the requirement for a mid-term, high performance, tin-free antifouling. ABC 4 controls the growth of fouling and reduces hull roughness in much the same manner as its longer-life counterpart, ABC 3, but with a greatly reduced tin-free biocide loading and release rate. Although only recommended for up to 36 months' service on vertical sides, up to 60 months' service can be obtained on flat bottoms and other areas not subject to direct sunlight.

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