

Adaptive Applications of SLIPS® Coatings in the Marine Environment

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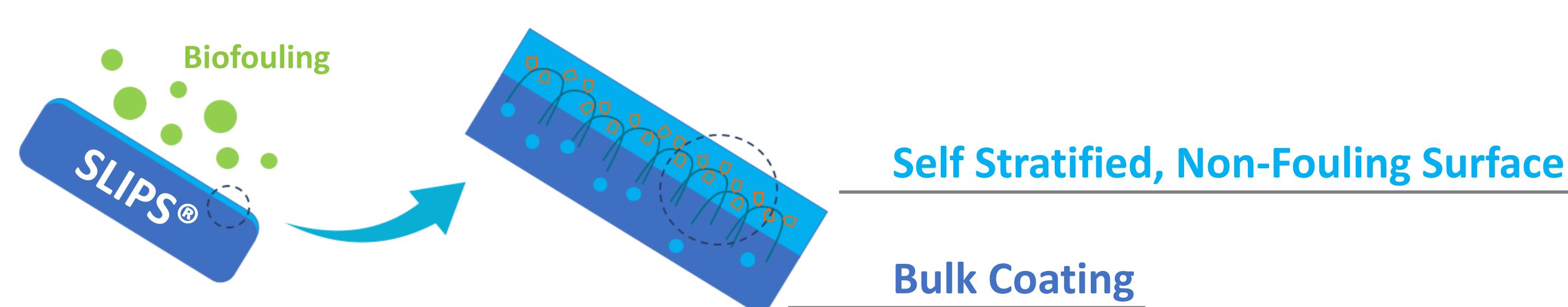
Adaptive Surface Technologies, Inc. (Formerly SLIPS Technologies, Inc.)

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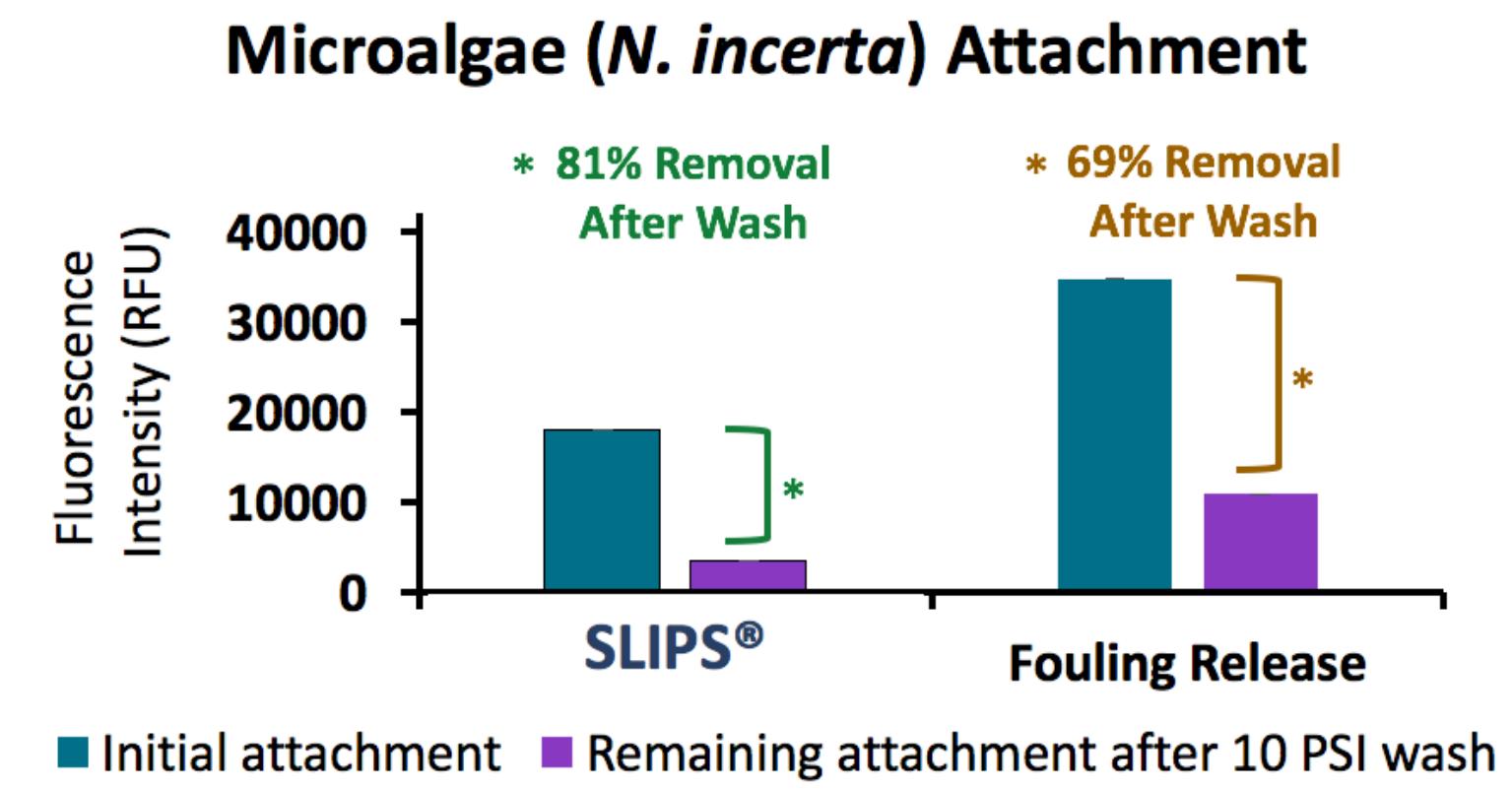
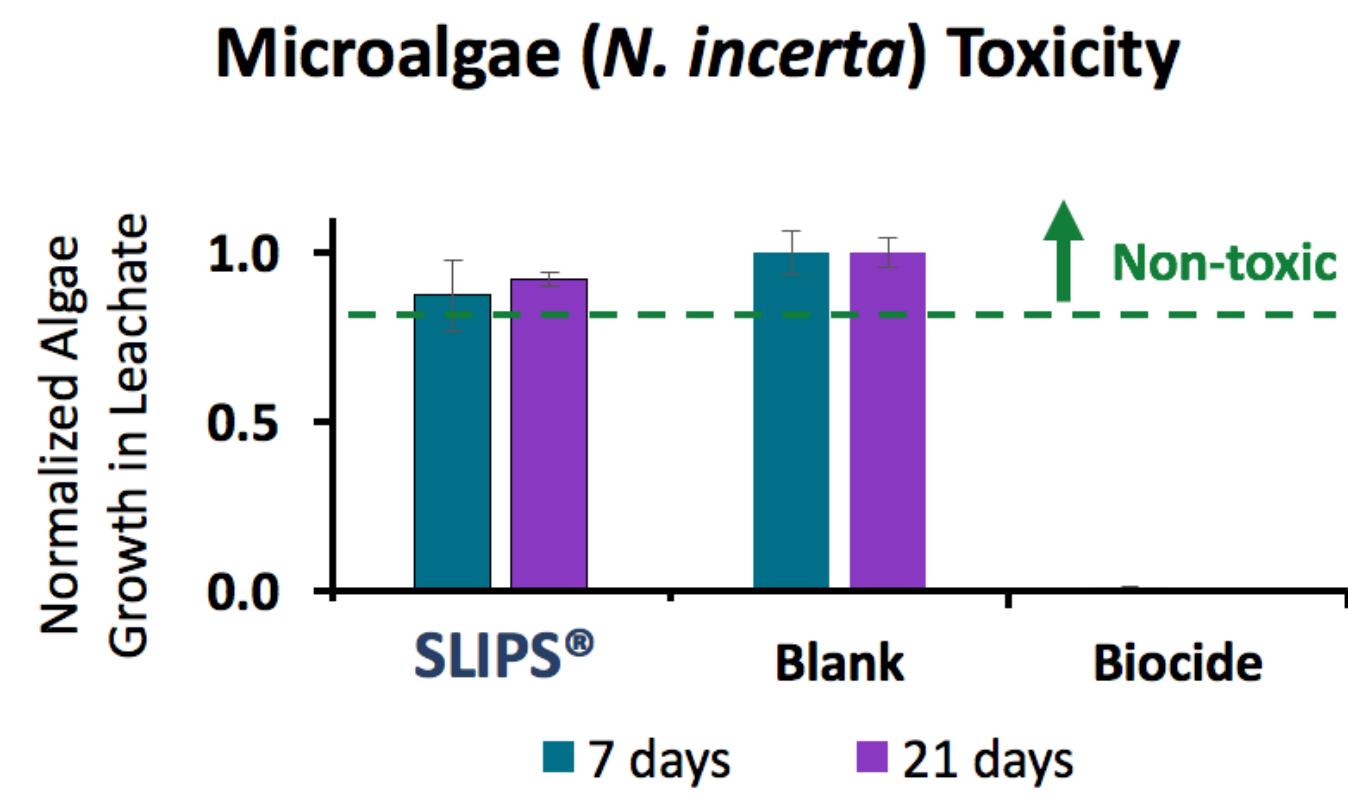
Conventional Antifouling Coatings Fail to Meet Consumer Needs

- Global performance against diverse fouling organisms
- Multiple years of longevity with little maintenance
- Direct adhesion to anti-corrosive primer or substrate
- Enhanced resistance to abrasion and impact damage
- Minimal environmental impact (no biocide, low VOC)

SLIPS® Provides an Eco-Friendly, Effective Solution for Biofouling



SLIPS® minimizes biofouling by forming a novel self stratifying protective layer



SLIPS® is non-toxic to biofouling organisms

SLIPS® has improved performance vs. commercial fouling release

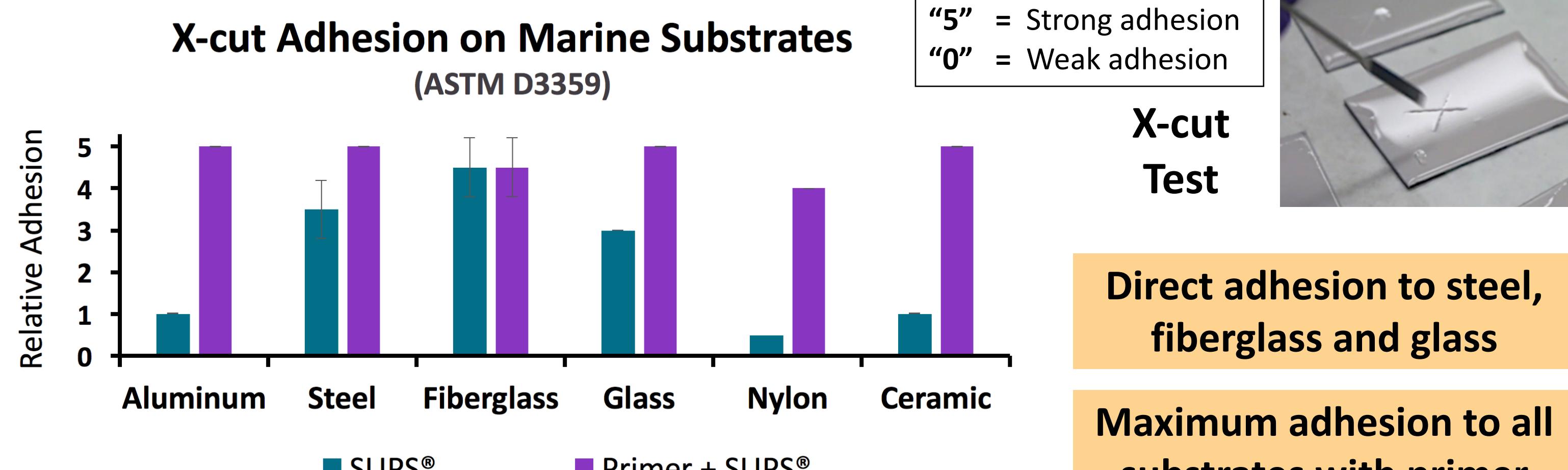
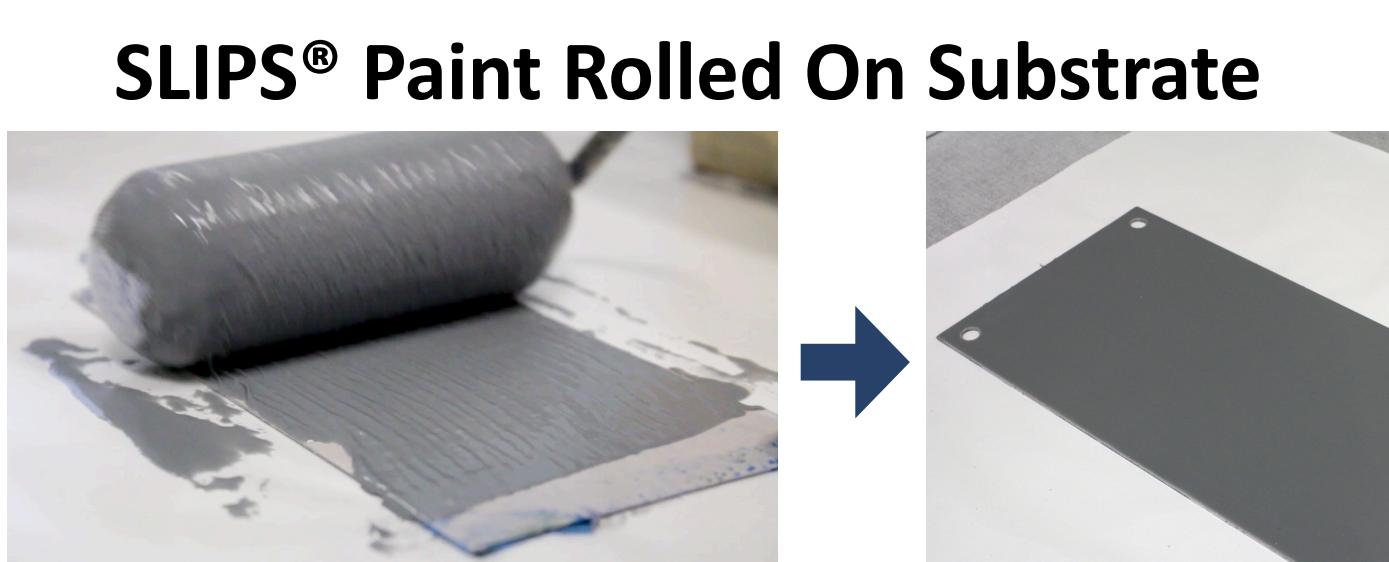
SLIPS® Coatings Validated in Field Tests Worldwide



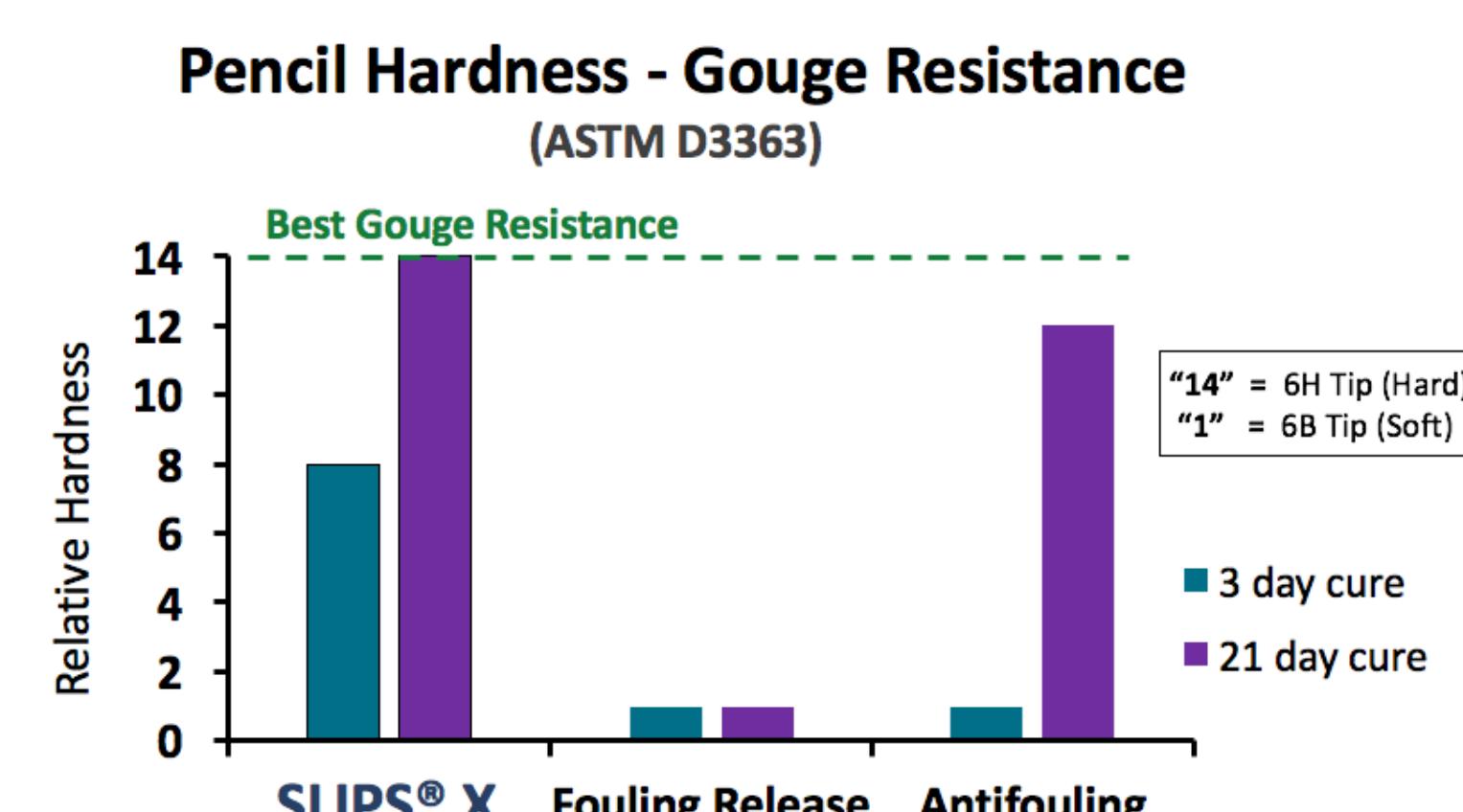
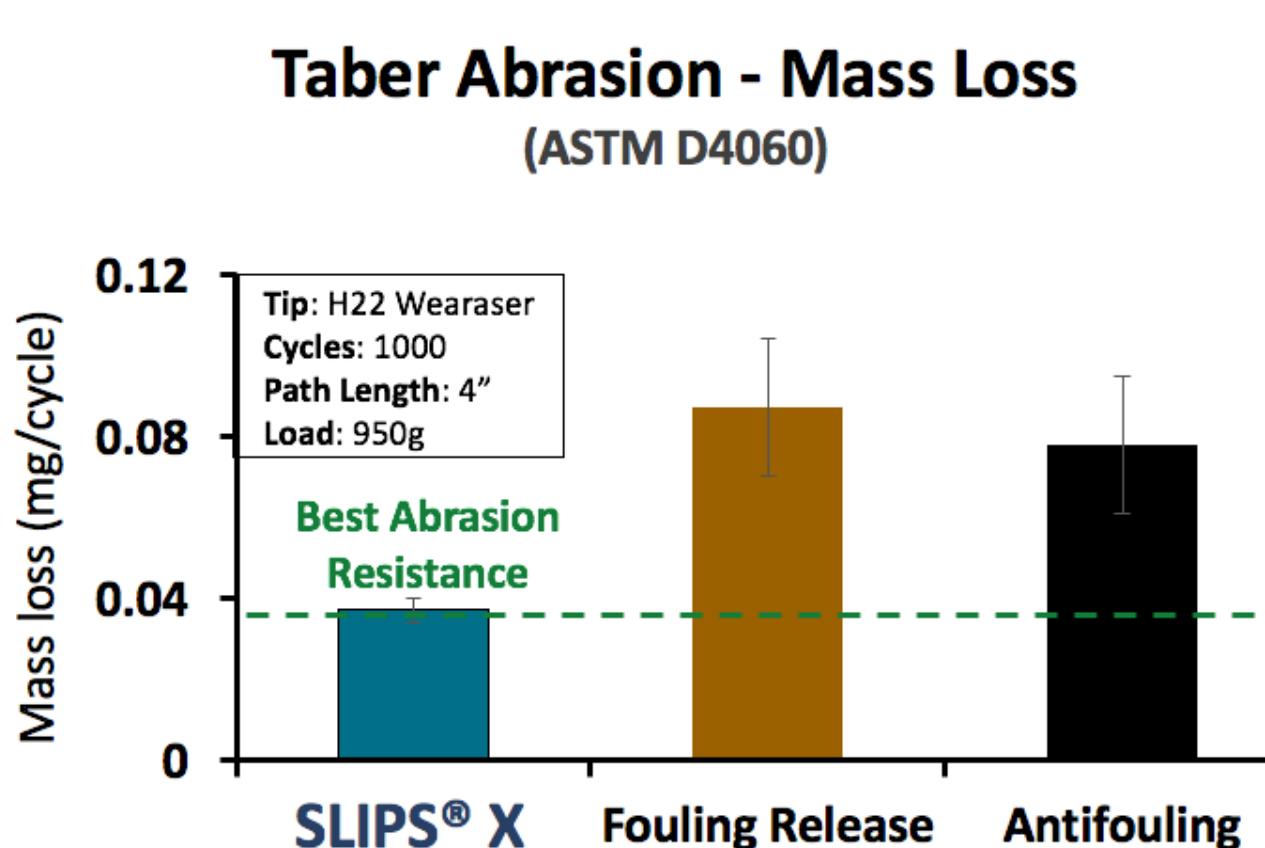
SLIPS® has proven long-term performance against soft and hard fouling organisms

SLIPS® Coatings Work in Diverse Marine Applications

- Boat hulls
- UUVs
- Submerged optics/lenses
- Underwater sensors
- Aquaculture nets/pens
- Tidal wave generators
- Underwater intakes
- Propellers



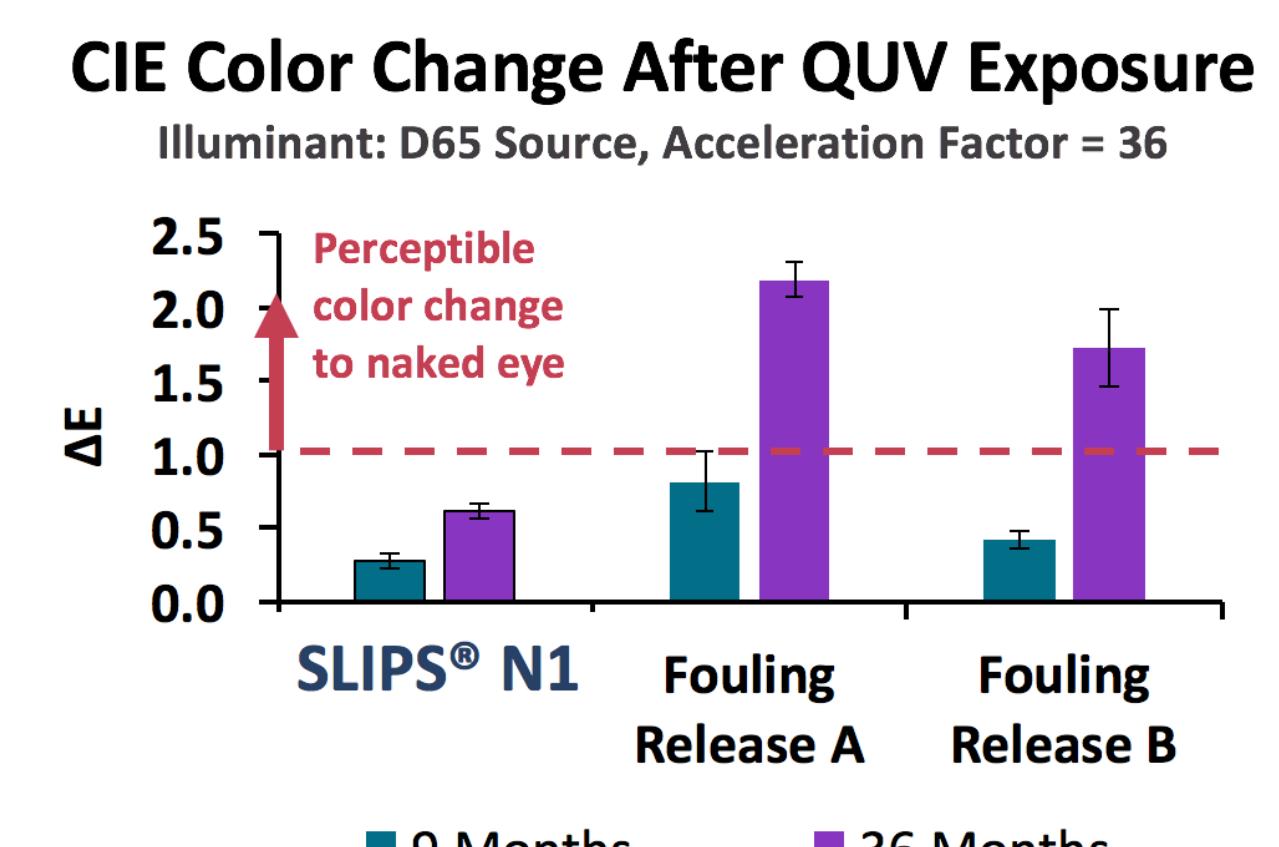
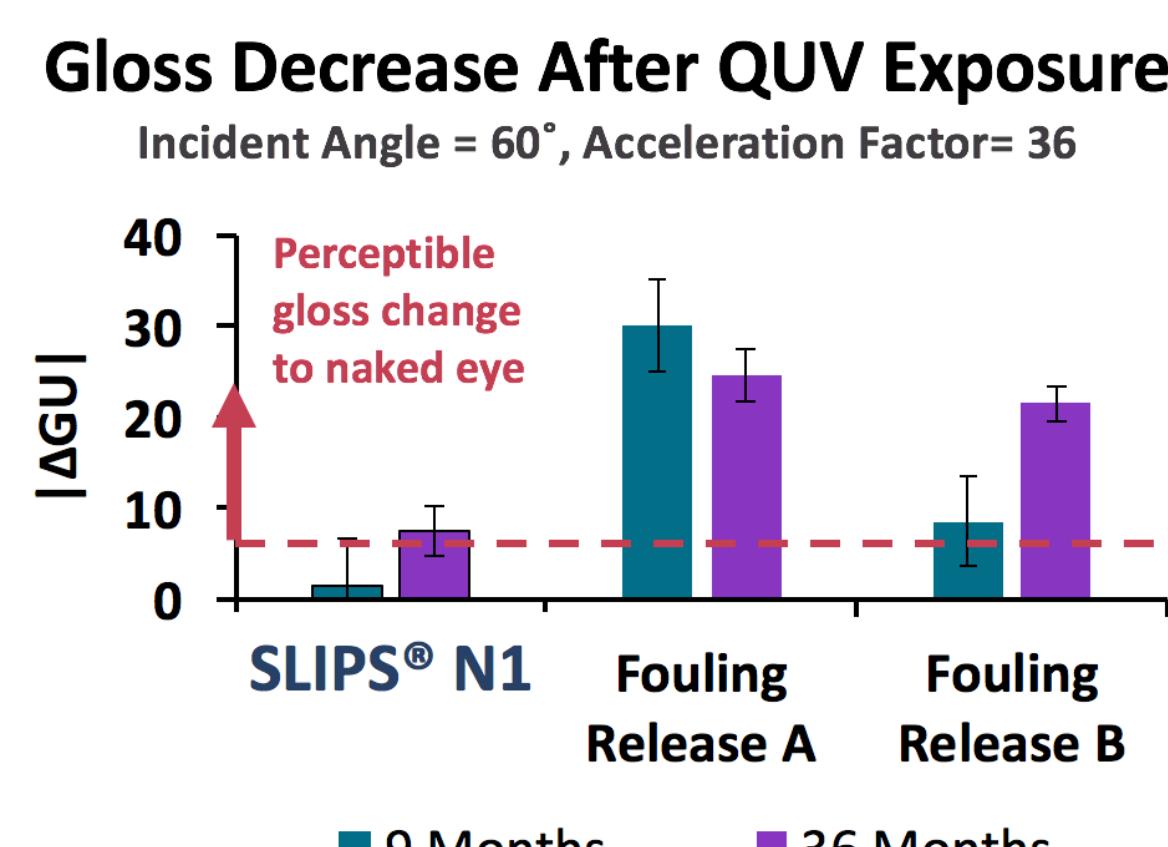
Superior Durability Enables SLIPS® to Withstand Harsh Conditions



SLIPS® has 2x greater abrasion resistance vs. commercial products

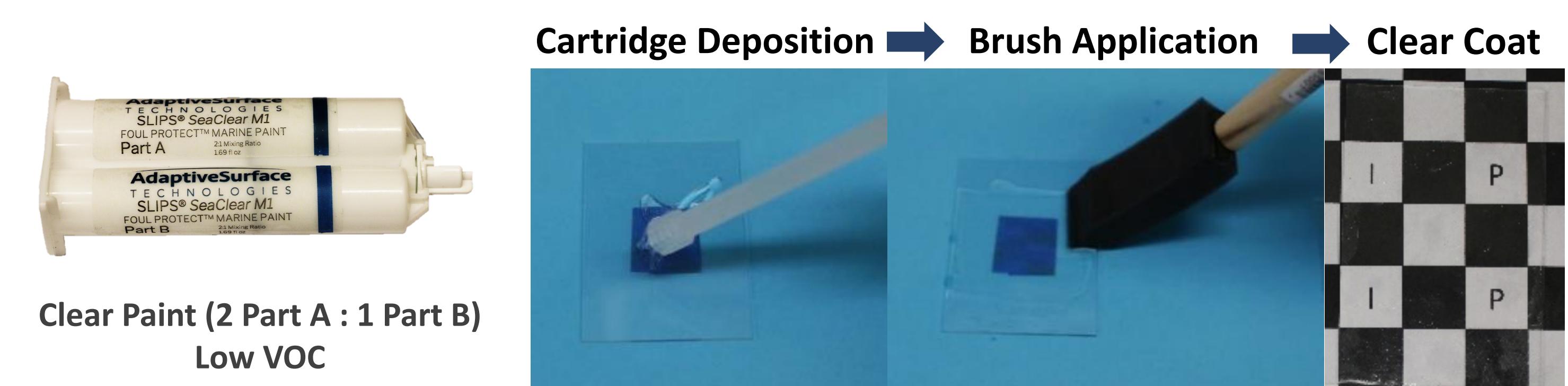
SLIPS® hardens quickly and reaches high hardness after complete cure

Case Study: SLIPS® N1 for Boat Hulls

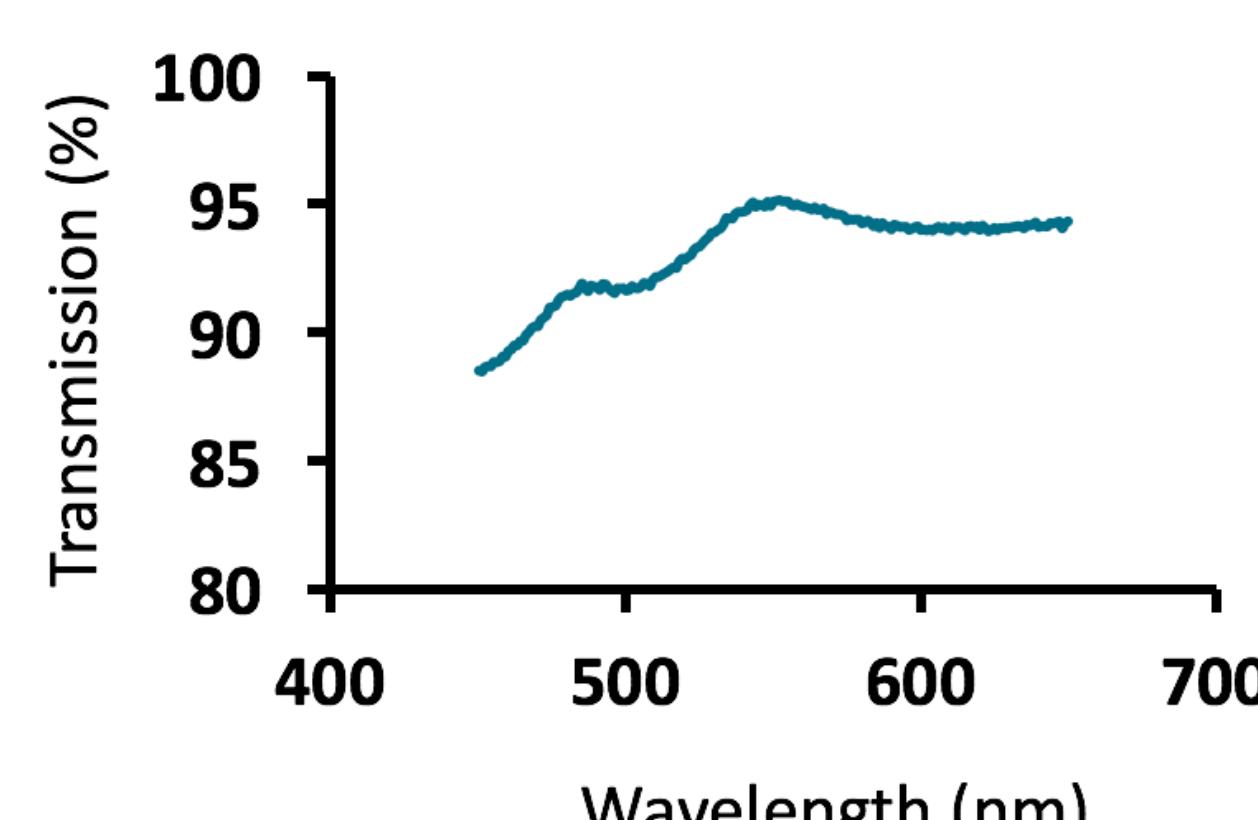


No significant color or gloss change after 36 month accelerated aging

Case Study: SLIPS® SeaClear™ for Underwater Sensors



SeaClear™ Transparency



> 85% clarity in visible spectrum

SeaClear™ Operates in Harsh Environments

4 to 40 °C 0 to 4000 PSI

Algae Removal Efficiency



> 95% of algae removed under mild shear

Conclusions

SLIPS® coatings provide widespread fouling prevention for all marine markets through:

- Superior, long-lasting and non-toxic performance
- Excellent adhesion to relevant marine materials
- High abrasion resistance and hardness
- Distinct products – N1 and SeaClear™ – tailored for different market segments

Acknowledgements

