

armus
N A N O T E C H N O L O G Y

SMART, SUSTAINABLE
NANO-FORMULATED SOLUTIONS



HULL PRO

CLEANING & MAINTENANCE GUIDE

FOR HULL DIVERS AND HAUL-OUT RESETS

Hull Pro is 100% biocide-free. Consistent cleaning is what keeps the coating performing – growth drives frequency, not a fixed calendar. This guide covers everything a boat owner, hull diver, or certified installer needs to maintain Hull Pro correctly.

HULL DIVER INSTRUCTIONS

- 1 Underwater power washer – where available**
First pass over full hull before pads or scraper. Blasts soft growth and bio-film quickly, reducing effort at every step that follows.
- 2 Full-hull pad-down – 3M white scouring pad**
Pad entire hull surface after power wash. Do not skip sections. Missed spots anchor growth before the next dive.
- 3 Extra attention on high-growth zones**
Waterline, running strakes, trim tab edges, transom corners, areas with reduced flow. Address every dive – not just when problems are visible.
- 4 Escalate to 3M brown scouring pad**
When soft growth has progressed or algae is building. More abrasive than white, still safe for Hull Pro surfaces.
- 5 Plastic scraper for stubborn hard growth**
Low angle, light consistent pressure. Never use metal scrapers, wire brushes, or abrasive tools – these can cut through the Hull Pro layer.
- 6 Document every dive**
Photo and video required for warranty in saltwater and brackish water. Log date, conditions, and hull condition at start of each dive. Any missed saltwater cleaning voids the warranty.
- 7 Flag barnacle attachment – recommend haul and reset**
Do not force barnacles off underwater. Forcing scars the surface and attracts future growth. Recommend a pull and reset to the boat owner.

PULL AND RESET PROTOCOL

- ✓ Haul vessel and rinse immediately while hull is still wet
- ✓ Power wash using a gas-powered pressure washer at 4500 PSI minimum – remove all soft growth and loose fouling
- ✓ Scrub stubborn growth with a stiff bristle brush.
- ✓ Apply hull acid cleaner. Work hard growth with 3M white pad, plastic scraper, or stiff bristle brush. Allow appropriate dwell time
- ✓ Rinse thoroughly with fresh water until pH neutral
- ✓ Inspect full hull – contact certified installer for any touch-up material needed
- ✓ Document with photos and submit to certified installer for warranty records

HULL ACID CLEANERS & SHARK GEL

Hull Pro stands up to all hull acid cleaners and can withstand pure muriatic acid without coating degradation. We recommend Shark Gel, our phosphoric acid gel-formulated cleaner, for pull-and-reset cleanings. Wear chemical-resistant gloves and eye protection. Do not use on ceramic coatings, natural wood, bare aluminum, or bare uncoated gelcoat.

CLEANING FREQUENCY

WATER TYPE	FREQUENCY	WARRANTY
Freshwater	End of season	5 yr
Saltwater	Every 4–6 wks*	3 yr
Brackish	Every 4–8 wks*	5 yr
Lift / Trailer	End of season	5 yr

* Peak growth seasons may require cleaning every 2 weeks for full-time in-water vessels. In South Florida, cleaning may be required every 10 days in summer.

PULL & RESET BASELINE INTERVALS

Saltwater	Every 2–3 months
Brackish	Every 3–4 months

DIVE KIT – TOOLS

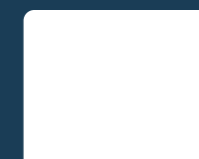
- **Underwater power washer**
First pass – where available
- **3M White scouring pad**
Routine full-hull pad-down
- **3M Brown scouring pad**
Heavier fouling / algae buildup
- **Plastic scraper**
Stubborn hard growth – low angle only
- **Gas-powered pressure washer (4500 PSI min)**
Haul-out and reset cleanings
- **Stiff bristle brushes**
Scrub after power wash, or scrub after applying acid hull cleaners
- **Hull acid cleaner / Shark Gel**
Pull-and-reset acid wash

NEVER USE:

- ✗ Metal scrapers or wire brushes
- ✗ Abrasive pads beyond brown 3M
- ✗ Power tools on hull surface
- ✗ Any cleaner on bare uncoated gelcoat

Cleaning frequency is growth-driven. Intervals above are baselines only. Your certified installer can advise based on your marina and local conditions.

armusmarine.com | info@armussolutions.com



SCAN FOR FULL GUIDE