

RemovAll 620

Anti-fouling & Fibreglass Paint Stripper



RemovAll 620 is a water-based paint stripper designed specifically to remove anti-fouling and other paints from fibreglass surfaces. This makes it the perfect choice for pleasure boats. It is biodegradable, non-toxic, user friendly and environmentally safe.

FEATURES

- * Water based
- * Fully biodegradable
- * Non flammable
- * Contains no TAP's or HAP's (toxic/hazardous air pollutants)
- * Non carcinogenic, non toxic
- * Easy cleanup with running water
- * Low VOC's
- * Non ozone depleting
- * Not regulated for transportation / storage
- * Will not burn skin
- * Low and inoffensive odour
- * Does not damage gel coat

Cost effective because:

- Requires much less chemical to achieve desired results
- Reduces man-hours and effort required to complete a project
- Reduces cost of waste disposal
- Reduced down time since other work at site can continue while stripper does its job
- Lowers insurance costs for worker safety, & storage hazards

TYPICAL USES

RemovAll 620 has proven it will effectively lift all kinds of anti-fouling paint including modified epoxies, co-polymers, resins and vinyl. It also works effectively on other paint systems like urethanes, latex, varnish, lacquer and marine enamels.

Specifically engineered for fibreglass surfaces, RemovAll 620 has become the product of choice for stripping anti-fouling paint from boats.

Special benefits include:

- Multiple coats of anti-fouling removed with only one application
- Safe on most gelcoat on fibreglass
- Will not damage epoxy coated cold moulded hulls
- Harmless for boatyard's water catchment system
- Reduces labour time compared to sanding or grinding
- Works without supervision so workforce can do other revenue producing jobs while paint is being stripped

PROPERTIES

Appearance:	White foamed emulsion
Specific gravity:	1.02
Boiling point:	100°C 212°F
Freezing point:	0°C 32°F
pH (direct reading):	2.0 – 3.0
VOC content:	66g / L
Flash point:	>100°C
Viscosity (cPs)	20,000 – 40,000
Shelf life	24 months

PACKAGING

<u>VOLUME</u>	<u>WEIGHT</u>
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4 litres x 4/case	16kg / case
20 litres pail	20kg / pail
205 litres drum	240kg / drum

One pallet takes 36 pails or 30 cases



THE TECHNOLOGY

RemovAll products are powered by the patented SARA Technology. This technology utilizes the physical forces released by chemical reactions to break the bond between the paint and the substrate. Coatings just lift off cleanly and can easily be removed by pressurised water.



SELECTIVE ADHESION
RELEASE AGENT

EQUIPMENT AND TOOLS: This product is engineered for spray or brush application. Airless sprayers are recommended. The Titan 440i airless sprayer is capable of spraying this product. Equip the sprayer with a tip size of 0.019 inches or larger. (Example: a 519 or 425 tip). Other equipment: Pole scrub brushes, scraper, masking tape, polythene sheets 0.7-1.5 mil, pressure washer, electric drill with mixer, empty pails for clean-up, running water, rags.

PREPARATION:

(a) MASKING: Cover / protect areas where the paint is to be left on. This includes adjoining surfaces where overspray may travel. Polythene sheets make a very effective barrier. If using masking tape, apply two layers of tape and remove the top layer immediately after application as the remover may soak through the tape, damaging paint under it. Plants should be covered or washed thoroughly with water before and during application.

(b) MIXING: Never shake product. If on visual examination, water appears to have separated out of the product, thoroughly mix the stripper with a high speed drill mixer until it becomes homogenous once again. (Usually within 5 minutes)

(c) EQUIPMENT: Remove all filters from the pump, sprayer and gun. Prime the pump and run stripper through the hose and gun until all previous water / solvent / paint residue has been cleaned out.

TEST PATCH: Conduct a small test patch in an inconspicuous area to ensure product performance. This will indicate the time required for project completion, suitability of product for paint and substrate, and most effective removal method. Apply two test areas in different locations on the hull. Anti-fouling paint is very porous and it absorbs your first application of stripper. Apply a medium layer of stripper and allow to penetrate into coating, then apply a second heavier layer of stripper and loosely cover off the test area with a polythene sheet. Any covering should NOT come into contact with the stripper. Check test areas for progress approximately every 4 hours. If stripper continues to penetrate, apply more stripper. Coating is ready to be removed when it is easily scraped off with a plastic putty knife. Most coating systems will need an overnight dwell time.

APPLICATION PROCEDURE: Apply a thick, even layer of stripper onto the coating being removed. an airless sprayer is the most effective means for application. Always start the sprayer at the lowest pressure setting and slowly build up the pressure until an adequate fan pattern has been generated. High pressure and narrow tip sizes will break the stripper's emulsion and will destroy effectiveness. The stripper must be applied at 2 times the thickness of the coating being removed, i.e. a 20 mil coating requires 40 mils of stripper to be removed

effectively. When trying to build up films thicker than 30 mils (600 microns), or when trying to apply the stripper on a glossy or greasy vertical surface, it is advisable to build the stripper film in two separate applications. First apply a light costing approximately 15 mils (300 microns) This will be thick enough to hide the surface color of coating and allow it to dwell for 5 to 30 minutes. Then build the rest of the stripper film thickness in a second application. Once applied, leave the stripper alone as agitation slows down penetration. If using a brush or roller make sure the underlying surface is completely covered with RemovALL 620.

DWELL TIME: The time required for penetration varies according to the type & thickness of paint, and temperature. Most paint systems require between 2 & 36 hours, but we suggest to check every 4 hours. Do not allow stripper to dry out.

COVERAGE: The desirable wet film thickness of stripper is approximately one and a half times the dry film thickness of the paint. Minimum wet film thickness should be 20 mils (500 microns) for one layer of anti-fouling. The number of layers of Anti-fouling paint you are removing will determine how heavy to apply RemovAll 620. Coverage is approximately 30 to 60 sq.ft./US Gal. (1 to 2.2 sq.m/L).

OPTIMUM TEMPERATURE: Surface temperatures should be 65 to 95°F (20 to 32°C). The product should not be used at temperatures lower than 40 °F (4.4°C).

REMOVAL AND CLEAN-UP: Begin removal when coating system can be easily scraped off. Remove polythene sheets in sections of 4 feet. Scrape the softened coatings onto removed poly and remove from work area. Repeat this process as you work down one side of the boat. This procedure will insure easy removal regardless of the size of your craft, and prevent drying. When one side is completely scraped and the paint residue removed, re-apply a light coat of RemovALL 620 on difficult sections or residue that remains. Move on to the other side and repeat operation. The difficult sections should have lifted after 30 mins. After boat is stripped, do a final rinse and allow to dry 24 hours prior to repainting. Collect lifted paint and dispose of in accordance with local government regulations. Clean up spray equipment by running water through the equipment soon after the spraying has been completed.

SAFETY PRECAUTIONS: Proper safety procedures should be followed at all times while handling the product. Use rubber gloves and eye protection. Harmful by inhalation and if swallowed.

Skin contact: Wash immediately with plenty of soap & water.

Eye contact: Bathe the eye with running water for 15 mins.

Ingestion: Wash out mouth with water. Do not induce vomiting. Give half a litre of water to drink immediately. Transfer to hospital as soon as possible.

Inhalation: Remove from exposure and seek medical advice.

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