



REMOVALL™ ANTI FOULING PAINT REMOVER

PRODUCT CODE: RMI/RMC 620

TECHNICAL DATA SHEET NO: G-16

DATE: NOVEMBER 2012

THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS

Product Description	REMOVALL™ 620 is a water-based paint stripper	
Intended Uses	To 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. Caution: Before use conduct a small test patch (refer to section on preparation & application)	
Features & Benefits	<ul style="list-style-type: none"> • Water-based • Biodegradable • Non-flammable • No carcinogenic effect established • Safer to use than conventional strippers • Easy clean-up with running water • Low VOCs • Low odour • Does not damage the gel coat 	
Product Information	Appearance	white foamed emulsion
	Specific Gravity	1.02
	Flash Point	100 °C / >212 °F
	Freezing point	0 °C / 32 °F
	pH	3.5 – 4.5
	VOC Content	67 g/L
	Viscosity	20,000 - 40,000 (cPs)
	Shelf life	24 months
Application Details	Mixing	Do not shake. Using a drill mixer, mix product until it is uniform in colour and creamy consistency.
	Method	This product is engineered for spray application. Airless sprayers are recommended. A typical medium size airless sprayer (Hero 85 SEL) 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).
	Substrate	Fibreglass
	Coverage	Approximately 40 to 75 sq.ft./US Gal. (1 to 2.2 m ² /L). 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 stripper.
	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).
Storage & Packaging	Store away from direct sun, heat and severe cold.	
	Packaging:	3,2 ℓ / 1 USG 18,9 ℓ / 5 USG 209 ℓ / 55 USG 905 ℓ / 238 USG
Preparation & Application	<ul style="list-style-type: none"> • Cover / protect areas where the paint is to be left on. This includes adjoining surfaces where overspray may travel. Polyethene 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. • Never shake REMOVALL™ 620. Shaking will cause product to separate. Using a drill mixer, mix product until it is uniform in colour and creamy consistency. (About 1 minute per gallon). If on visual examination, water appears to have separated out of the product, thoroughly mix until it becomes homogenous once again 	





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Preparation & Application cont.

- **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 the test area with a polyethene sheet. 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.
- An airless spray machine is the most effective means for application. Always start the sprayer pump at the lowest pressure setting and slowly build up the pressure until an adequate fan pattern has been generated. Apply 30 to 40 mils of stripper and allow to penetrate into the coating, which could take between 2 to 6 hours. Notice that the sheen of wet stripper will disappear as stripper penetrates. Apply the second application directly over the first after it is absorbed. Do not scrape or introduce water between applications. Your test area has determined needed thickness of second application. Also determined was the advantage of a covering of light gauge polyethene sheets.
- Most coating systems of 10 or more layers will require an overnight dwell time. Apply first layer of stripper mid-morning and second layer in the afternoon. Start on the shady side and make your way around. Cover lightly, being careful not to push stripper away from surface. The polyethene sheets will not only slow drying process but also protect from the elements. Once applied, leave the stripper alone, as agitation slows down penetration. Brushing and rolling should be avoided because these methods produce a lower film build and inconsistent thickness of stripper.
- If a brush must be used, then use the brush like a spade (shovel) to deposit the stripper onto the paint surface. Do not attempt to spread the stripper with the brush over large areas.
- The time required for penetration varies according to the type of paint, the thickness of the paint and the temperature. Most paint systems require between 2 to 36 hours, but we suggest checking every 4 hours.
- Begin removal when coating system can be easily scraped off. Remove polyethene sheets in sections of 4 feet. Scrape the softened coatings onto removed polyethene and remove from work area. Repeat this process as you work down one side of the boat. This procedure will ensure 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 stripper 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

- Always keep remover out of reach of children.
- Ensure good ventilation during application.
- Wear protective gloves and goggles while applying.
- If accidental contact with skin should occur, wash immediately with soap and water or a recognised skin cleaner.
- Take care to avoid contact with the eyes. In case of contact, immediately rinse the eyes with plenty of water and seek medical attention.
- Harmful if swallowed. Seek medical attention and do not induce vomiting.
- Store in a cool, dry place away from heat and sparks.
- Refer to Material Safety Data Sheet for complete information.

DISCLAIMER:

The recommendations contained herein are given in good faith and are meant to guide the specifier or the user. They are based on results gained from our tests and experiences and are believed to be reliable. No guarantee is implied by the recommendations contained herein since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control.

NB: Technology may change with time necessitating changes to this Technical Data Sheet (TDS). It is the responsibility of the user to ensure that the latest TDS is being used.

NB: TO ORDER: Quote product name, product code number, packaging and colour

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