

RemovAll 210

Industrial Paint Stripper



RemovAll 210 is a water-based paint remover that is biodegradable, non-toxic, user friendly and environmentally safe. It is extremely effective in removing the toughest industrial coatings like epoxies and urethanes from metal and concrete.

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
- * 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
 - Reduces down time since other work at site can continue while stripper does its job

TYPICAL USES

RemovAll 210 has proven it will effectively lift urethanes, latex, alkyd paints, lead based paints and varnish, as well as most two component epoxy coatings and fusion bonded epoxies, from all types of substrates, including steel, aluminium, metal alloys, concrete and masonry.

Typical applications include:

- * Water storage tanks
- * Bridges
- * Above the water line on ships
- * Concrete painted floors
- * Exteriors and interiors of buildings
- * Pulp and paper mills
- * Petrochemical facilities
- * Automobiles parts
- * Painted plastic (e.g. car bumpers)
- * Water treatment facilities
- * Any area where abrasive blasting is not an option for environmental or economic reasons
- * Any areas where worker safety or damage to delicate equipment may be a concern

PROPERTIES

Appearance: Orange foamed emulsion
Specific gravity: 1.01
Boiling point: 100°C
Freezing point: 0°C
pH (direct reading): 2.0 - 3.0
VOC content: 121g/L
Flash point: >100°C
Viscosity (cPs) 5,000 – 15,000

PACKAGING

<u>VOLUME</u>	<u>WEIGHT</u>
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



SELECTIVE ADHESION
RELEASE AGENT

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..

TEST PATCH:

Always prepare a test patch prior to full application. This will indicate the time required for project completion and suitability of product for the paint and substrate.

EQUIPMENT AND TOOLS:

This product is engineered for spray application. Airless sprayers or HVLP spray equipment are recommended. Even the smallest airless sprayer is capable of spraying this product. Equip the sprayer with a tip size of 0.020 inches or larger. (Example: a 520 or 425 tip). Other equipment: brushes, rollers, scraper, masking tape / polythene sheet, 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 over spray 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 the paint under it. Plants should be covered or washed thoroughly with water before and during application.

(b) **MIXING:** 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 10 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.

APPLICATION PROCEDURE:

Apply a thick, even layer of stripper onto the coating being removed. An airless spray machine is the most effective means of 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. High pressure is neither required or desired. High pressure and narrow tip sizes will break the stripper's emulsion and destroy its effectiveness.

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 coat of approximately 10 mils (250 microns), allow it to dwell for about 30 minutes and then build the rest of the stripper film thickness in a second application. 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 shovel to deposit the stripper onto the paint surface. Do not attempt to spread the stripper with a brush.

COVERAGE:

The product is engineered for thick film build up on vertical and overhead surfaces. 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 15 mils (300 microns). Coverage is approximately 1 sq. m. per litre.

DWELL TIME:

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 1 and 6 hours. Leave the stripper overnight for best results.

RE-APPLICATION:

When there are multiple layers of paint, it is quite likely that there is poor inter-coat adhesion between some layers. Premature lifting may occur at this interface. If this happens, remove the lifted layers and re-apply the stripper. Do not allow the stripper to dry out. The stripper is designed to remain wet and effective over extended periods of time (up to 48 hours), but excessive sunshine, windy conditions or insufficient stripper thickness can cause early drying. If the stripper starts to dry, reapply a light coating and allow extra time for completion.

REMOVAL AND CLEANUP:

Removal of lifted paint can be completed by scraper, squeegee, wet/dry vacuum system or by pressure (2,500 - 3,500 psi) water wash. The stripped surface must be rinsed with water to remove all chemical residue before repainting. Collect lifted paint and dispose of in accordance local government regulations. Do not collect and/or store removed paint and stripper waste residue in metal containers. Clean up spray equipment by running water through the equipment soon after spraying has been completed.

OPTIMUM TEMPERATURE:

Surface temperatures should be 65° to 95° F (20° to 32°C). The product does perform effectively at lower temperatures (even at 32°F, 0°C), but the dwell time increases.

SAFETY PRECAUTIONS:

Proper safety procedures should be followed at all times while handling the product. Refer to the Material Safety Data Sheet for important health /safety information before use.

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