

BACK TO NATURE



ULTRA-STRIP Ultimate Paint Remover

TECHNICAL DATA SHEET

I. Description: Back to Nature Ultra-Strip, the ultimate safe paint remover is utilized for maximum paint stripping action. Ultra Strip is environmentally friendly, biodegradable, non-flammable, water rinseable and contains no methylene chloride, caustic or other harsh chemicals. For those applications where time of application and removal is critical, a lighter coat lifts 1 to 4 layers of paint usually in 15 minutes to four hours. Where multiple layers of paint are indicated, or there are other more difficult coatings such as two part epoxies, urethanes, and marine anti-fouling, a heavier coat will remove the paint in one application. Ultra-Strip works on a multitude of surfaces including wood, metal, plaster, masonry, fiberglass, etc. As non-caustic removers, the surface does not need to be neutralized. For application, they can be brushed, rolled or sprayed.

II. Types of Paint Removed: Ultra-Strip can remove most varieties of paints & varnishes which are oil or water-based including, latex, stains, lead-based paints, and polyurethanes. Unlike other paint removers, it can remove more difficult coatings such as two-part epoxy, most baked on enamels, urethanes and marine anti-fouling paints.

III. Surfaces: Ultra-Strip works on a multitude of surfaces including wood (will not discolor or raise grain), metal, brick, plaster, masonry, stone, concrete, and fiberglass (will not damage the gel coat on boats), etc. The paste will not damage any substrate they are applied to. Ultra-Strip is not to be used on sheetrock, plastic, rubber or linoleum surfaces.

IV. Instructions:

A. Preparation - Mask any areas not being stripped with plastic and masking tape.

B. Application -

Test Patch - Since it is often hard to know the type or the amount of paint on a surface, small test areas should be stripped to determine the proper application and dwell time needed for paint removal to occur.

1. For stripping 3 to 4 layers of paint quickly - Apply Ultra-Strip to the surface at a total of approximately 1/64" thick (10 to 15 mils) with a brush, roller, trowel, putty knife or sprayer. Can be sprayed effectively using an airless sprayer Drill mix before spraying - Remove filters from sprayer & spray gun - Submerge pump directly into remover, Do not use suction hose - Use NEW 1/4" or 3/8" airless hose. Use at least a 1 GPM piston sprayer, .019-.021 reversible spray tip; A wet mil gauge should be used to measure thickness. Let the product dwell from 15 minutes to 4 hours. Follow Removal Techniques at Subdiv. C. Coverage for Ultra-Strip, when used like this, will vary between 100 and 150 sq. ft. per gallon.

2. For removal of multiple layers or stubborn coatings - Two test patches are suggested.

(i) First Test Patch - Apply the stripper approximately 1/32" thick (30 mils) to the surface. The patch then should be checked for dwell time as follows (only a portion at any one time): Check the patch first at 2 - 4 hours, then periodically thereafter. As a rule of thumb, the greater the layers of paint, the longer the product should be left on. The stripper will usually remove 8 - 12 layers of paint in 24 hours. More layers of paint (20+) may take longer (2 - 3+ days). Due to the nature of certain paints such as two part epoxy and urethanes, Ultra-Strip may need more time to be effective. Average dwell time for these coatings may be 48 to 72 hours.

(ii) Second Test Patch - In some areas, some surface coatings (usually latex) soften easily, causing puffing away from the surface. In these cases, the stripper works differently so the patch should be done as follows:

a). Apply a light coat of paint stripper (approximately 5 - 10 mils) to the surface. Wait 2 - 6 hours. If the surface starts to pull away, the top layers have lifted from the surface and can be easily removed with a scraper or knocked off the surface with a broom or other device. The paint remover has penetrated through these layers and begins to soften the remaining layers.

b). While the undercoats are still soft, apply another coat of stripper at approx. 1/32" thick (20-25 mils) to the surface. The patch then should be checked for dwell time as follows (only a portion at any one time): Check the patch first at 2 - 4 hours, then periodically thereafter. As a rule of thumb, the greater the layers of paint, the longer the product should be left on. The stripper will usually remove 8 - 12 layers of paint in 24 hours. More layers of paint (20+) or chemically resistant coatings may take longer (2 - 3+ days).

c). This procedure usually applies to stripping ceilings as well.

Coverage for Ultra-Strip when used in this manner (i) and (ii) varies between 50 and 75+ sq. ft. per gal.

3. Ultra-Strip will easily cling to vertical surfaces. Use your tool to fill detailed, intricate or grooved surfaces. For best results apply at temperatures between 60° F and 80° F. Product activity is reduced below a temperature of 60° F and may require additional dwell time before all layers of paint are removed. If product freezes let thaw and stir vigorously until product is consistent. No Neutralization required. Clean-up with water.

C. Suggested Removal Techniques -

1. Plaster Surfaces -

(i) Flat Plaster Surfaces - Easiest removal is achieved using a 4" or wider **razor blade scraper** (commonly known as a wallpaper stripper) to lift the remover/paint off the surface.

(ii) Decorative Plaster (or Wood) - Use a **Back To Nature Stainless Steel Scraper with 5 function detail blade** to lift the remover/paint off the surface. Use a stiff bristle brush with After-Strip Paint Remover Wash or light amounts of water to remove any residue.

2. Fiberglass Surfaces – Use a putty knife to lift the remover/paint from the surface. Use a stiff bristle brush with After-Strip or light amounts of water to remove any residue remaining.

3. Wood -

(i) Flat Wood Surfaces - Easiest removal is achieved using a **Back To Nature stainless steel scraper** to strip remover/paint from the surface. Use a stiff bristle brush with After-Strip or light amounts of water to remove any residue remaining.

(ii) Decorative Wood - (see Decorative Plaster)

4. Masonry, Concrete Surfaces - Remove bulk of remover/paint with a stiff putty knife or wire brush. Use a wire brush with After-Strip or light amounts of water to remove any residue remaining. Residue can also be removed with a high pressure washer where permitted.

5. Metal Surfaces - Agitate or rough up remover/paint on the surface with a **wire** brush without attempting removal. This helps to lift bottom layers from the surface. Use a 4" or wider razor blade scraper (wallpaper stripper) or stiff putty knife (pipe railings or irregular surfaces should use the putty knife) to lift remover/paint off the surface. Use a wire brush with After-Strip or light amounts of water to remove any residue remaining.

6. Note: Misting the applied area with After-Strip or water prior to removal makes lifting of the paint or varnish easier. Misting with After-Strip or water also reactivates the product if it feels dry to the touch. Any paint residue left on a surface should be removed within a short period of time so that paint residue will not dry up & re-adhere. In some circumstances, it may look like the last layer of paint is still on the surface. This is not a dried layer of paint, but paint & stripper which has been emulsified so that it can be removed.

V. Safety Instructions: Safety goggles are recommended for eye protection. Protective gloves such as butyl rubber, neoprene gloves are also recommended. Maintain adequate ventilation especially in confined areas. If spraying or misting is expected use NIOSH approved chemical cartridge (organic vapor) respiratory equipment (full face respirator recommended). In case of inhalation - remove victim to fresh air and provide oxygen if breathing is difficult. In case of eye contact - flush exposed areas with large quantities of water. In case of skin contact - wash skin with soap and water. Use emollient skin creams. In case of ingestion - do not induce vomiting. Call physician immediately.