



Thank you for your purchase of the **Smart Strip®1 HD** original paint removal system. Please take a moment to review these instructions and familiarize yourself with **Smart Strip®1 HD**.

PRODUCT DESCRIPTION AND USE:

Smart Strip®1 HD is a unique package of a proprietary blended paint remover, laminated paper, and **Citri-Lize™** neutralizer which, when used in accordance with these instructions, is capable of removing up to (30) coats of paint in one application. **Smart Strip®1 HD** contains **no harmful fumes and no flammable solvents**.

Caution: Do not use on veneers, plywood, aluminum, composition molding or drywall. Do not use on hardwoods such as (Mahogany, Teak, IPE, Ironwood) unless you are going to repaint, as **Smart Strip®1 HD** will darken these types of wood. Use **SmartStrip®** for these surfaces.

WHAT YOU WILL NEED TO BEGIN:

1. Heavy plastic sheeting and masking tape to protect surfaces which are not to be stripped.
2. **Smart Strip®1 HD** applicator, trowel, and/or nylon brush for more detailed areas.
3. Bucket of clean water and a nylon scrub brush or sponge for cleanup and neutralization.

TEST AREA:

Always “Test Patch” each type of surface/coating to be removed before general use to determine compatibility, yield, proper thickness and dwell time needed.

PREPERATION:

Mask/protect areas where stripping is not desired. Use heavy plastic sheeting and masking tape to create an effective barrier against the **Smart Strip®1 HD** remover and all water from the rinsing and neutralizing process. For interior use, make sure to protect all flooring and furnishings. For exterior use, plants and other foliage should be covered or rinsed thoroughly before and after application.

APPLICATION AND SPREAD RATE:

1. **Smart Strip®1 HD** provides an average coverage of 20 square feet per gallon, or enough to strip one side of an average door.
2. Apply **Smart Strip®1 HD** at a thickness of no less than 1/8” to 1/4”. For flat surfaces use **Smart Strip®1 HD** applicator or trowel. For detailed areas, use a nylon brush to push the **Smart Strip®1**

HD into cracks and crevices, and then use the applicator or trowel to apply additional remover to achieve desired thickness.

2. Cover **Smart Strip®1 HD** paste with the **Dumond® Laminated Paper** provided, with the printed side out. Smooth over with hands gently, working from the center of the **Dumond® Laminated Paper** to the edge. Puncture any remaining air bubbles with a knife.

DWELL TIME:

The time required for softening/lifting paint will vary according to the number of layers, type of coating being removed, and surface temperature and humidity. Leave on for between 12 and 24 hours. Do not let the **Smart Strip®1 HD** dry on the surface. Allowing **Smart Strip®1 HD** to dry will require removal of the **Dumond® Laminated Paper** as best you can and then an additional application of **Smart Strip®1** to reactivate the previous layer.

REMOVAL AND CLEANUP:

1. Always remove **Dumond® Laminated Paper, Smart Strip®1 HD**, and the paint with either the application tool or a small flexible putty knife in one continuous piece. Ease the paint and **Smart Strip®1 HD** on to the **Dumond® Laminated Paper** not relying on tension between the **Smart Strip®1 HD** and the **Dumond® Laminated Paper** to pull away the paint.
2. Using a scrub brush, sponges, and a minimum amount of water, wash off residue **immediately** after removing paste and paint. Once again, allowing this residue to solidify will result in additional applications of the **Smart Strip®1 HD**.

CITRI-LIZE™ / NEUTRALIZATION:

1. Dissolve the **Citri-Lize™** in warm water according to package instructions. Stir until completely dissolved (15-30 seconds).
2. Apply **Citri-Lize™** solution with a plastic garden sprayer starting from the bottom and working up, making sure to soak completely.
3. Scrub the surface with a stiff nylon brush while the surface is still wet.
4. Rinse the surface after 15-30 minutes with clean water and allow to dry.

CHECKING THE pH LEVEL OF THE STRIPPED SURFACE:

1. The pH test (included) contains 15 strips of litmus paper for testing.
2. Hold one strip on the surface and wet with a small amount of water (misting sprayer works the best).
3. Compare the color to the small color chart provided. Yellow is the optimal color.
4. It is important to lower the level of the pH to a range of between 5 and 8, especially if painting is to follow. Failure to achieve a pH of less than 8 will result in a premature paint failure.

5. Allow the stripped and neutralized surface to thoroughly dry before painting. Exterior surfaces may require longer drying time due to temperature and humidity.

Important note: After stripping and neutralizing the surface, allow the surface to dry thoroughly before painting. We recommend the use of a premium 100% acrylic stain blocking primer on all wood surfaces to minimize moisture problems. Cedar, redwood, and cypress woods have a tendency to bleed resin and/or tannic acids. Extra drying time may be required before painting these surfaces (up to as much as 60 days in some cases) otherwise staining may occur. Ask your paint supplier for a premium primer that retards and seals in extractive bleeding discoloration.

LIMITATIONS:

For best results, surface temperatures should be between 50 – 90° F @50% relative humidity. This product can be applied as low as 35° F, however efficiency/effectiveness is reduced and dwell time will be increased.

HEALTH AND SAFETY PRECAUTIONS:

Smart Strip®1 HD can burn exposed skin, so be sure to keep any skin that may come in contact with the **Smart Strip®1 HD** covered with either long chemical resistant gloves or neoprene gloves taped to your sleeves. Wear eye or face/head protection when working with **Smart Strip®1 HD**. Should **Smart Strip®1 HD** come into contact with skin or eyes, flood the affected areas with water immediately. If irritation persists, seek medical attention and be sure to state that this product contains **sodium hydroxide**. In the case of ingestion, drink plenty of water or milk, and obtain medical attention immediately. **Keep away from children and animals.**

IMPORTANT NOTICE TO PURCHASER:

The following is made in lieu of all warranties, express or implied. Sellers and manufacturers only obligation shall be to replace such quantity of the product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising out of use or the inability to use this product. Before using, user shall determine the suitability of the product for his/her intended use, and user assumes all risk and liability whatsoever in connection where within. The forgoing may not be altered except by an agreement signed by the officers of seller and manufacturer.

HELPFUL HINTS:

1. Never let **Smart Strip®1 HD** completely dry. If this happens, as previously stated, remove the **Dumond® Laminated Paper** as best you can, or score the **Dumond® Laminated Paper** with a razor blade. Apply more **Smart Strip®1 HD** and recover with more **Dumond® Laminated Paper**. It will usually take 4 – 5 hours for the softening to occur.
2. If **Smart Strip®1 HD** is sliding, clean the surface and apply a very thin coat of **Smart Strip®1 HD** without the **Dumond® Laminated Paper** and allow drying. Then apply a regular coat of **Smart Strip®1 HD** as described in the application section.

3. If the first coat of paint on a stone, masonry, or brick surface is latex, then use **SmartStrip®** on those surfaces for better results.