Smart Strip® Advanced Paint Remover
Technical Data Sheet

PRODUCT DESCRIPTION:

Smart Strip® Advanced Paint Remover strips multiple layers of acrylic, latex, oil, and water-based paints, varnishes, and stains from most wood, metal, and masonry surfaces, usually in a single application. This versatile paint remover works effectively indoors and out and is Do it Yourself friendly for projects around the home.

Introduced in 2006, **Smart Strip Advanced** has taken a crucial role in major restoration projects on historic buildings and landmarks, government facilities, and entertainment venues around the world. The Eiffel Tower in Paris, the US Capitol Building in Washington, D.C., and even the famous Hollywood sign in California have all been restored using **Smart Strip Advanced**!

Unlike many other paint removers, the **Smart Strip Advanced** gel formula is completely non-caustic. It does NOT contain dangerous or hazardous chemicals like methylene chloride or NMP. This makes it the perfect choice for professional and DIY projects!

MAIN FEATURES & BENEFITS:

- Do it Yourself / User Friendly; Easy to Use
- Removes acrylic, latex, oil, water-based and asbestos-type paints, varnishes, and stains.
- Does NOT contain Methylene Chloride, NMP, or caustic chemicals.
- Removes multiple layers of coatings, usually in a single application.
- Compatible with most surfaces (wood, masonry, metal). See full list under “Recommended Substrates”.
- Water-based gel formula clings to vertical surfaces.
- Suitable for interior and exterior applications.
- **Smart Strip Advanced** is pH neutral and non-flammable.
- Made in the USA with high quality US & Imported ingredients.



TECHINCAL DATA:

Form:	White Viscous Liquid Gel
Weight/Gal:	10 lbs. / gallon; 4.54 kg / 4 L
pH:	6-7 pH
Freezing Point:	32 °F / 0 °C
Coverage:	Approx. 40 - 45 sq. ft. per gallon; 3.72 - 4.18 sq. m. per liter/litre
Shelf Life:	Approx. 3 years when stored in a tightly sealed container at room temperature, in a clean, dry environment.

RECOMMENDED SUBSTRATES:

Smart Strip Advanced may be used on brick, cast iron, cement, concrete, copper, enamel, granite, iron, marble, plaster, steel, slate, stone, terra cotta, terrazzo, tin, and wood. It is not recommended for use on some types of glass, plexiglass, some plastics, vinyl, drywall, or rubber. If you do not see your substrate in this section, or are unsure of compatibility, perform a small test to determine product efficiency.

LIMITATIONS:

Smart Strip Advanced works on most oil, acrylic, latex, and water-based paints, stains, and varnishes. Will not typically remove epoxy, alkyd, lead, elastomeric, or urethane coatings. Ultimately, coating chemistry determines compatibility. ALWAYS perform a test before full application, to ensure product effectiveness.

SURFACE & AIR TEMPERATURES:

Smart Strip Advanced is a water-based gel. It can freeze, evaporate, or harden depending on the temperature. This product is designed for temperatures between **40 °F / 4.4 °C** to **90 °F / 32.2 °C**. It can be applied outside this range; however, effectiveness may be reduced, and work time may be affected. Surface temperature is usually 10 to 12 degrees colder or hotter than the surrounding air temperature, depending on the substrate. Keep this in mind during the colder or warmer months. Product may not perform below **40 °F / 4.4 °C**.

PRODUCT TESTING:

Always perform a test with **Smart Strip Advanced** BEFORE a full-scale application. Testing is the best way to ensure product effectiveness, application thickness, and proper dwell time for your specific project. Failure to do a test patch may result in failed or unnecessary additional applications, or application of the wrong product.

Paint Removal Test Kits are available at www.dumondglobal.com or other fine retailers. Each test kit includes a sample of **Smart Strip® Advanced**, **Smart Strip® PRO**, and **Peel Away® 1** paint removers, **Dumond® Laminated Paper**, **Citri-Lize® pH Neutralizer**, a pH test kit, a scrub pad, a scraper, two brushes, and a pair of gloves. Follow the instructions provided with every kit, or those found below, to test a small, inconspicuous area of each substrate and coating.

PREPARATION:

Prepare the surface by pressure washing or rinsing the substrate to remove any loose debris or coatings. Allow the substrate to dry before applying **Smart Strip Advanced**. Protect and cover all areas with plastic where paint removal is not desired.

APPLICATION & SPREAD RATE:

Apply using a brush, roller, or airless sprayer. Product should be applied approximately 1/8" to 1/4" (3.18 mm to 6.35 mm) thick, depending on the type of coating and number of layers being removed. Refer to prior testing for the best results. When a second coat is required, 1/8" (3.18 mm) thickness should be sufficient.

For an airless sprayer, ensure it can pump at least 3/4 gallon per minute or greater. Use a new 3/8" (9.5 mm) hose line with a .17 to .21 textured tip. Remove all filters and lower the pressure before spraying. Do not leave any remaining product in the sprayer or spray line for an extended time. Keep a clean bucket of water available after use to alleviate clogs and flush the pump.

Smart Strip Advanced uses a water-based gel formula that must remain in a wet state to work properly. After application, it is recommended to cover the paint remover with **Dumond® Laminated Paper** (sold separately) to speed up the removal process, prevent premature drying, and aid in clean up. Cover the **Smart Strip Advanced** gel directly and gently smooth the paper without pressing too firmly to ensure there are no visible air pockets.

DWELL TIME:

The time required for softening/lifting of coatings will vary according to the number of layers present, the type of coatings being removed, and the surface temperature. Pre-project testing will help determine the proper work time. Higher temperatures will speed up the removal process, but the product may dry out more quickly.

Allow 1 - 24 hours to remove paint layers. Check the remover periodically to ensure **Smart Strip Advanced** hasn't dried out or hardened. If this occurs, the paint remover will stop removing the coating beneath. If this has happened, apply another thin coat to hardened areas to reactivate the gel.

REMOVAL:

A NOTE ABOUT REMOVING STAINS & VARNISHES FROM WOOD: Agitation at the conclusion of the removal process is necessary to completely remove the stain or varnish from the wood substrate.

To remove **Smart Strip Advanced**, use a scraper or pressure washer. When using **Dumond® Laminated Paper**, remove, scrape, and clean 1 - 2 sq. ft. of covered area at a time. This will prevent other sections from drying out during cleanup, making removal difficult. Insert a trowel, spatula, or paint scraping tool underneath the paste and lift with the **Dumond® Laminated Paper** while slowly scraping. Scrub all surfaces clean with a sponge or nylon bristle brush and water, or a pressure washer. Rinse thoroughly with water to ensure all remaining residue is removed. Collect paint and product residue in plastic bags and dispose of it in compliance with federal, state, and local regulations.

If **Smart Strip Advanced** dries, it will harden and adhere to the substrate. If this has occurred, remove as much **Dumond® Laminated Paper** as possible, and apply additional **Smart Strip Advanced** to the surface to reactivate the dried material. Let sit for 1 – 2 hours and then fully remove.

AVAILABILITY & COST:

Smart Strip Advanced is available in gallon and 5 gallon containers. **Dumond®** products are available through a nationwide network of paint and hardware stores, safety supply distributors, or online. For an in-person outlet nearest you, please visit www.dumondglobal.com. Once on the website, type your postal/zip code into the dealer locater to find addresses and phone numbers of your nearest dealers. **Smart Strip Advanced** is also available in select countries internationally.

HEALTH & SAFETY REQUIREMENTS:

The full Safety Data Sheet (SDS) for **Smart Strip ® Advanced** can be found online at www.dumondglobal.com. View the full SDS ***BEFORE*** product use for required safety information.

CAUTION: KEEP OUT OF THE REACH OF CHILDREN
This chemical does not meet the hazardous criteria set forth by the **2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)**. No additional warning labels or pictograms are required.

Avoid breathing vapors or spray mist. Use only outdoors or in a well-ventilated area. Call a poison center or doctor/physician if you feel unwell.

For additional emergency assistance, please call **1-800-535-5053** in the United States. International assistance is available at **1-325-323-3500**. Both numbers are available **24/7/365**.

WARRANTY:

Dumond Inc. warrants all its products to be free from defects and makes no other warranties with respect to its products, express or implied, including without limitation the implied warranties of MERCHANTABILITY OF FITNESS FOR PURPOSE. **Dumond Inc.'s** liability shall be limited in all events to supplying sufficient products to re-treat the specific areas to which defective product(s) have been applied. **Dumond Inc.** shall have no other liability, including liability for incidental, consequential, or resultant damages whether due to breach of warranty or negligence. This warranty may not be modified or extended by representatives of **Dumond Inc.** or its distributors and dealers.

Technical Services:

Dumond Inc.'s expert staff is available to answer technical questions and provide product-specific information. For business hours, see our website for more information.

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