



Restoration & Maintenance Products



Industrial



Residential



Historic



1-800-445-1754
www.abatron.com



Welcome! ABATRON'S Restoration and Maintenance Products Catalog includes some of the most sought after products in the restoration industry. Since 1959 ABATRON has strived to produce and supply products that exceed customer expectations in both ease-of-use and performance. Each product on these pages is meticulously tested before being selected for inclusion. Our goal is to provide you with the best possible product for your project, ensuring that you never have to "repair your repair"!

Our company has formulated products for over three decades for the building restoration and maintenance markets. These products have played a key role in restoring our nation's most important and most recognized buildings and structures. A small sampling of these significant sites is listed at www.abatron.com.

Our products have also helped in the restoration of commercial and industrial buildings by extending the functional life of original building materials and equipment and saving other architectural elements that, if not for our products, would have ended up in the landfill.

Perhaps most importantly, thousands of homeowners utilize ABATRON products each year in projects at their own homes. We continually assist with a wide category of DIY restoration projects including restoring windows, doors, columns, clapboards, swimming pools, driveways, garage floors, patios, foundations, furniture, artwork, and much, much more.

Our most popular products are GREENGUARD Certified®, meaning that they are third-party tested as having virtually no VOCs. This reflects ABATRON's ongoing commitment to the safety of both the product's user and the environment. We also maintain ISO 9001:2008 certification, demonstrating the value we place in quality and consistency.

We'd love to answer any questions you have about our products and assist with your projects however we can. For technical support or to receive a quote, please call us at 800-445-1754 or e-mail us at info@abatron.com. To research our products on your own, please visit www.abatron.com where you can download technical and safety data sheets.

We sincerely hope our products will help with whatever your next project might be!

Yours truly,

A handwritten signature in black ink, reading "Marsha Caporaso". The signature is written in a cursive, flowing style.

Marsha Caporaso,
President

Product Directory

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Order Information and Terms of Sale: Back Cover

Terms:

Abrasion: Wearing away by friction.
ASTM: American Society for Testing Materials.

Compressive strength: Crushing load at the failure of a specimen.

Density: The ratio of the substance's mass to its volume at a given temperature and pressure. Example: Water at 25°C. 1 atmosphere of pressure = 1.0 g/cm = 8.35 lb. per gallon.

Elongation: A percentage of length of specimen after stretching until rupture.

Flash point: The temperature at which the material gives off flammable vapor in sufficient quantity to ignite momentarily on the application of a flame under specified conditions.

Impact strength: The ability of a material to withstand shock loading.

Pencil hardness: A test for surface hardness using a numbered set of increasing hardness lead pencils. The surface hardness is designated by the first numbered pencil that will scratch the surface, starting with the softest pencil.

Pot life: The period of time during which a resin, after mixing with a curing agent, remains workable and suitable for use. The amount of product on which the pot life is based is usually 100 grams.

Solids: The dry ingredients remaining after evaporation of all volatile solvents or water.

Substrate: A material upon the surface of which an adhesive-containing substance is spread for any purpose, such as bonding or coating.

Tensile strength: The pulling force necessary to break a specimen. It measures the resistance of a material to stretching without rupture.

Viscosity: Internal friction or the property of resistance to flow exhibited within the body of a fluid.

Metric Conversions:

VOLUME:

1 Fluid Ounce.....29.573 milliliters
1 Quart.....0.946 liter
1 Gallon.....3.785 liters

WEIGHT:

1 Ounce.....28.35 grams
1 Pound.....0.454 kilogram

AREA:

1 Square Inch.....6.452 square centimeters
1 Square Foot.....0.0929 square meter
1 Square Yard.....0.8361 square meter

LENGTH:

1 Inch.....2.54 centimeters
1 Foot.....0.305 meter
1 Yard.....0.914 meter

Helpful Hints:

- 1 Gallon contains 231 cubic inches
- 1 Gallon contains 128 fluid ounces
- 1 inch is 1000 mils; 1 mil is 1/1000 inch

Wood Restoration & Maintenance



LiquidWood application

For decades, Abatron's wood restoration products have set the standard in historic preservation and repair. They have been specified by architects and restoration professionals for restoring thousands of historic buildings. Our products are also easy to use for do-it-yourself projects. Whether it's replicating fine details or saving rotted wood, our products handle virtually any wood repair problem. Results are guaranteed by years of unequaled performance and service.



WoodEpoxy application.



Permanently and Professionally Restore Rotted Wood in Three Easy Steps!

1

Prepare wood

Remove old paint, dirt, and debris. Clean oily surfaces with detergent, water, or solvents.

2

Apply LiquidWood®

Brush, pour, or directly inject onto the affected surface. It penetrates and strengthens weak, crumbling wood.

3

Apply WoodEpoxy®

Rebuild missing pieces of wood and fill cracks and holes. Once hardened, it can be sanded, stained, painted, nailed, and drilled just like regular wood.



See instructional video at
www.abatron.com/videos

LiquidWood® Restore Strength to Rotted Wood

Uses: LiquidWood strengthens rotted wood indoors and outdoors, structural and decorative. Use on buildings, boats, windows, columns, decks, and any wooden architectural elements. Use also as a primer for WoodEpoxy.

Features and Benefits: LiquidWood *permanently* restores structural strength and durability to rotted, dried out, or spongy wood. LiquidWood penetrates deeply into wood fibers to solidify soft, spongy wood without the need to remove and cut out the areas that can be effectively consolidated. With LiquidWood, a piece of deteriorated wood that could crumble under finger pressure can be restored to rigid, high-strength, durable, water and weather-resistant wood. Treated wood can be:

- sawed • drilled • painted • sanded
- planed • nailed • routed

Technical Characteristics: Easy to use, simply stir together equal parts A and B until fully blended. Treated wood will harden within hours. Pot life: 30 minutes. 100% epoxy solids. LiquidWood contains no VOCs or noxious odors. GREENGUARD Certified®

Packaging:

- 12 Fl. Oz. Kit • 2 Pint Kit
- 2 Quart Kit • 2 Gallon Kit
- 10 Gallon Kit
- Wood Restoration Kit



Wood Restoration Kit Packaging:

The 5 part Wood Restoration Kit contains LiquidWood parts A and B, WoodEpoxy parts A and B, and Abosolv.
• 5 Pints • 5 Quarts • 5 Gallons

Abosolv™ Solvent for LiquidWood

Use to thin LiquidWood and for cleaning up spills.

Packaging:

- 1 Pint • 1 Quart • 1 Gallon • 5 Gallons
- Wood Restoration Kit



WoodEpoxy® Easily and Permanently Replace Missing Wood

Uses: Use WoodEpoxy indoors and outdoors on window frames and sills, doors, columns, furniture, sculptures, and structural and decorative elements.

Features and Benefits: WoodEpoxy is a *shrink-free* epoxy compound that replaces, repairs, extends, and fills wood and most rigid materials. It *permanently* bonds to most surfaces. It is chemical, water, heat and weather resistant, and dimensionally stable. WoodEpoxy has a no-slump consistency and can be used in any thickness or shape for structural and decorative restoration. WoodEpoxy works so well because, like wood, it can be:

- sawed • carved • sanded
- planed • drilled • painted
- routed • nailed • stained

Technical Characteristics: Mix A and B together in equal volumes until a uniform color. Hardens within one to two hours.

Lightweight: 3.8 lb./gal. approx. Pot life: 20 minutes, so mix only what you can use within that timeframe. WoodEpoxy is 100% epoxy solids and contains no VOCs or noxious odors. GREENGUARD Certified®

Packaging:

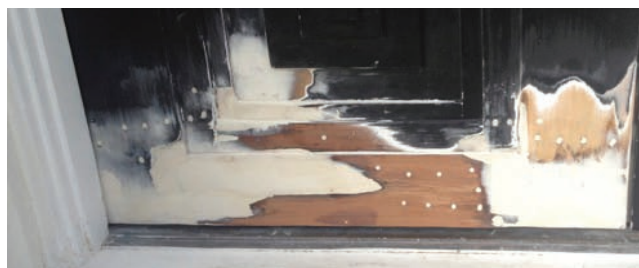
- 12 Fl. Oz. Kit
- 2 Pint Kit • 2 Quart Kit
- 2 Gallon • 10 Gallon Kit
- Wood Restoration Kit



Typical Test Results:	Kg/cm ²	Mpa	Psi
Tensile Strength			
LiquidWood	103	10.1	1,460
WoodEpoxy	176	17.5	2,500
Compressive Strength			
LiquidWood	366	36	5,210
WoodEpoxy	399	38	2,300-2,800
Flexural Strength			
LiquidWood	63	6.2	900
WoodEpoxy	—	—	—
Hardness Shore D			
LiquidWood	42		
WoodEpoxy	53-55		
Elongation			
LiquidWood	84%		
WoodEpoxy	4%		

"Love this stuff! Used it to do what was 'impossible' according to others when repairing the panels in an old door."

-Lynn L., Boca Raton, Florida



Wood Restoration & Maintenance

continued

Clearstrip Works Hard to Remove Old Paint



Before paint removal with Clearstrip



Clearstrip removes multiple layers in one easy action



After paint removal with Clearstrip

Dry Pigments Create Depth of Color to Match Wood Tones

Blend one or more into WoodEpoxy until color is uniform. Our selection of colors includes: brick red, dark brown, goldenrod, white, and black.

Packaging: •1 Ounce •0.5 Pound •1 Pound



Clearstrip™ Environmentally Safe Paint Remover

Clearstrip is a low-odor, environmentally safe paint and varnish remover designed to remove multiple layers in one application. As a gel, it clings well to vertical surfaces and absorbs the paint for easy clean up. Will not raise wood grain. Use inside or outside on most rigid surfaces including wood, concrete, and brick. Also removes epoxy and polyurethane. Non-caustic and non-flammable. Water clean-up.

Packaging: •1 Quart •1 Gallon •5 Gallons



Bora-Care® Boron-based Wood Preservative

This boron-based, concentrated wood preservative controls termites, insects, and wood decay fungi such as brown and white rot. Use on wooden structures that come into contact with water such as crawl spaces, decks, sills, columns, joists, beams, logs, siding, and fences. This versatile product can be used on wet or dry surfaces, indoors or outdoors, and on wood or wood-based products before or after treatment with LiquidWood and WoodEpoxy. It's the preservative of choice for its long lasting effects and low toxicity to humans and pets. Apply to bare wood. Dilute with water as needed.

Coverage: Dependant upon dilution ratio and surface type.

Packaging: •1 Gallon

Timbor® Boron-based Wood Preservative Powder

Use this boron-based, odorless, wood preservative powder for long-lasting protection against termites, insects, and wood decaying organisms on dry, accessible wood. Apply to wood and wood-based products in spaces such as attics, basements or crawl space structures, and dry exterior wood such as decks for immediate and residual pest control. Dust around nesting sites or create a solution to spray, brush, or pressure inject onto affected areas.

Coverage: Approx. 200 sq. ft. per pound of Timbor, in solution.

Packaging: •1.5 Pounds



Brand Spotlight

Sarco Glazing Compounds

Since 1943, Sarco Putty Company has produced the highest quality window glazing compounds. We are proud to be an authorized seller of the best glazing compounds in the window restoration industry.

Sarco Dual Glaze Elastic Glazing Compound

Use on site or in the shop on wood or metal

This glazing compound holds a permanent, water-tight bond on wood and metal sash and doors. Easy to handle, it is made with non-drying linseed oil that sets into a firm, tough cushion and adheres tightly to glass and sash. Dual Glaze allows for normal expansion and contraction without pulling away. Use this product on site or in the shop. Ready for oil or latex paint after surface skin has formed, usually in 2-3 weeks. It is the most versatile glazing compound for glaziers, painters, and homeowners.

Packaging: •1 Pint •1 Quart •1 Gallon

Sarco Multi-Glaze Type M Glazing Compound

Quickest surface skinning product for inside shop use only

Sarco Multi-Glaze Type M is the best traditional knife grade linseed oil glazing compound available for glazing and bedding glass in wood sash and doors. Type M is the quickest surface skinning product and forms a strong surface skin in one week depending on temperatures. It remains elastic and flexible throughout its lifetime. Type M is for inside shop glazing only. Give Type M at least 14 days to cure before painting with oil or latex paint.

Packaging: 1 Gallon



4,800 Wood Windows Saved at Main Interior Building

Consuming an entire city block in Washington D.C., the Main Interior Building is the headquarters of the Department of the Interior and houses twelve government offices and agencies including the Bureau of Land Management and the National Parks Service. In the building's nearly eighty years of service, it has been exposed to harsh weather conditions and periods of maintenance neglect that left extensive damage.

Since 2004, Grunley Construction has managed the repair and modernization of the building over the course of six phases.

The Main Interior Building has over 4,800 total window openings. Each sill, sash, and frame was inspected and repaired as part of the building's restoration. LiquidWood and WoodEpox were used extensively to consolidate and harden weathered sills and rebuild missing sections of wood that crumbled away. Assistant superintendent Todd Higdon says, "I use LiquidWood and WoodEpox simply because they outperform anything else I've tried over the past sixteen years."

Grunley Construction has restored over sixty buildings in Washington D.C., and has been ranked as one of the top construction contractors in the nation by the Washington Business Journal and the Engineering News-Record.



Wood Restoration & Maintenance

continued

Decorative Wood Carvings Brought Back to Life

Preservation work has kept Pete Nicolazzi busy since 1972, when he founded Carpenter & Smith Restorations. Working in both Illinois and Wisconsin, Nicolazzi offers a broad range of repair, restoration, carpentry, and woodworking services. Often, he's asked to save those small details that make older and historic homes so special.

When Nicolazzi flexes his artistic muscles, his work really shines. Recently he has been commissioned to restore some truly decorative elements at several different homes. When he sculpts and shapes delicate features, he turns to Abatron's WoodEpoxy, which has been essential to his work. He recently restored grotesques carved into oak support beams on a house. Using WoodEpoxy, Nicolazzi filled in sections that had cracked and weathered away the grotesques' faces. He then carved them to match the original detail perfectly. At another location, he was able to save an elaborately carved crown molding that had rotted so badly it was breaking apart. The beautiful molding depicting owls and branches is truly one of a kind. Nicolazzi pieced it back together and built it up again using WoodEpoxy, carving it to replicate any missing detail. Visit our blog at www.abatron.com for additional photos.



Wood Restoration Resources

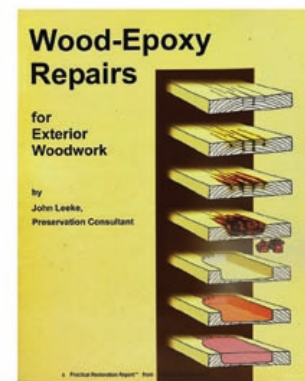
Old Windows Made Easy

This book by historic preservationist and contractor Scott Sidler has a simple, straightforward approach that will allow anyone with minimal DIY skills to successfully restore wood windows with professional results. It is the only step-by-step guide on old windows that walks you through the restoration and repair process from beginning to end. 75 pages.



Wood-Epoxy Repairs for Exterior Woodwork

In this booklet, restoration professional John Leeke describes how to stabilize and save deteriorated exterior woodwork with long-lasting epoxy repairs that complement traditional repair methods and modern part replacement. They save time and money when you know how and where to use them. 30 pages.



Save America's Windows: Caring for Older and Historic Wood Windows

This guide by restoration professional John Leeke covers traditional methods and the latest in modern high-tech materials and techniques for wood window repairs and maintenance. Learn how to avoid falling under the spell of the window replacement salesman. 141 pages.



Wood Restoration Video

Wood Restoration with Liquidwood® and WoodEpoxy® demonstrates the basic application methods on an actual job site. View on Abatron's YouTube channel www.abatron.com/videos.

Wood Window Sash Repair Video

The 3 part video series demonstrates how to disassemble, repair, and reassemble a wood window sash. With guidance and practice, anyone can repair wood windows. View on Abatron's YouTube channel www.abatron.com/videos.

Wood Restoration Accessories



1 Moisture Meter

Test moisture levels present in wood, plaster, drywall, concrete, carpets, and more. Use to locate roof leaks, water seepage, wet rot, and hidden condensation. Contact probes are on a three foot cable for testing hard to reach spots.

2 Syringe

Use to apply liquid resins to small or hard to reach areas. Holds 2 fl. oz. (59mL).

3 Dispensing Pumps

One pair. Convenient for dispensing 1 fl. oz. (30 mL) LiquidWood A or B with each depression. Fits oblong quart and gallon containers.

4 Applicator Bottle

Plastic bottle with spout. Holds 8 fl. oz. (237 mL). Convenient for dispensing liquid resins.

5 Mini Brushes

Use to apply liquids and pastes. 5/8 inch (1.6 cm) wide with stiff bristles. Disposable. 3 brushes per pack.

6 Putty Knife

1.5 inch (3.8 cm) wide. Plastic. Disposable.

7 Mixing Sticks

Use these wooden sticks to mix small batches of liquids and pastes.

Fiberglass Reinforcing Rods

Give added structural strength to wood elements. Must be installed into sound wood for support. Choose from .5 or .75 inch (1.3 or 1.9 cm) diameter by 2 or 4 feet (.6 or 1.2 m) lengths (not pictured).

Plastic Apron

Full length disposable apron protects clothes (not pictured).

Plastic Gloves

Thin, disposable plastic film protects hands (not pictured).

HistoriCorps Revives Historic Log Cabin on Grand Island

The HistoriCorps organization is a not-for-profit preservation initiative to save and sustain historic places for public benefit. Its projects are undertaken by a small field staff with a heavy reliance on volunteer participation. HistoriCorps recently restored the Mather-Klauer Lodge, a log structure located on Grand Island in Lake Superior, just off the coast of Michigan's Upper Peninsula. The lodge, dating back to 1901, was used as a shelter for hunters when the island was a game preserve. It now serves as a museum on the island and hosts archeological field research.

The scope of the Mather-Klauer Lodge project was large and included repairing sill logs, as well as rotted wood around the entire structure, with special attention paid to the windows, dormers, and porch posts. The window repairs were relatively small patches, but by making them with LiquidWood and WoodEpoxy, the original sash were saved and did not need to be replaced. The sill log on the south-facing wall needed extensive repair, as a lot of the wood had weathered away. After applying LiquidWood to strengthen the damaged wood, a combination of powdered pigment colors were mixed into WoodEpoxy and artistically "broom finished" onto the sill log before the epoxy cured. The patch blended in almost invisibly with the existing wood, saving the beam and preserving its historic character.



Concrete Restoration & Maintenance

Our products withstand the toughest tests and meet the most demanding requirements for concrete repair, anchoring, bonding, and resurfacing. These easy to use products are versatile and can address most problems with concrete at home or in an industrial setting.



Concrete Repair and Resurfacing Made Easy

Rejuvenate ugly, damaged concrete with these simple steps:

- Clean concrete thoroughly. Remove grease and oil with GreaseGone™ (page 15).
- Roughen surface by etching with Safetch™ (page 15). If old paint must be removed, shotblasting or grinding is preferred to etching.
- Apply Primkote 8006-1 (page 29) to seal existing concrete.
- Repair cracks and spalled, uneven concrete with Abocrete.
- Resurface with Abocrete. (Resurfacing without broadcasting sand, grit, or chips is not recommended.)
- Broadcast sand or color grit (page 15) before Abocrete hardens if a non-slip surface is needed. Broadcast vinyl chips (page 15) for a decorative effect.
- Apply clear topcoat for easy maintenance if desired (page 30).



See instructional video at
www.abatron.com/videos

Abocrete™

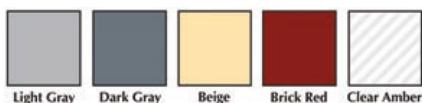
Stronger than Concrete! Patch, Resurface, and Rebuild

Uses: Repairs plant floors, loading docks, sidewalks, drive-ways, stairs, parking decks, and ship docks *permanently* and *cost-effectively*. Perfect for fixing pitted, spalled, worn, or cracked concrete. Abocrete bonds, levels, rebuilds, and resurfaces concrete and most rigid surfaces. (See steps on previous page.) Holds up well to heavy forklift and truck traffic. Also great for anchoring posts and railings and installing machinery, precasts, columns, and more. Use with forms to rebuild steps and vertical structures.

Features and Benefits: Easy to mix and apply. Blend in sand to create a cement-like epoxy compound that self-levels and is shrink-free. Apply in any thickness. Change the viscosity by adding sand or aggregate. It makes a great floor and deck coating that can be made slip resistant by broadcasting sand or ColorGrit over the wet Abocrete. (See steps on previous page.) It is unaffected by salt water, oils, and other chemicals that erode concrete.

Technical Characteristics: Apply with simple hand tools or by brush, paint roller, or squeegee. One gallon of Abocrete without sand or aggregate covers 80 sq. ft., 20 mils thick. One Abocrete kit with sand covers approximately 28 sq. ft., 1/8 in. thick. Hardens in 1-5 hours. 100% epoxy solids. Contains no water or solvents. GREENGUARD Certified®. ACI 503.1. ASTM C881, Tp I,III,3;3. Contact customer service for information on cold-weather hardeners.

Colors:



Packaging:

- Abocrete Kit: 1 gallon liquid epoxy resin (Abocrete A), 1 quart liquid hardener (Abocrete B) and enough sand to make about 4 gallons of Abocrete compound in a 5 gallon pail.
- Abocrete Kit, no sand: 1 gallon liquid epoxy resin (Abocrete A), 1 quart liquid hardener (Abocrete B).
- Mini Abocrete Kit: 1 quart liquid epoxy resin (Abocrete A), 1/2 pint liquid hardener (Abocrete B) and enough sand to blend about 1 gallon of Abocrete compound in a 2 gallon pail.



Typical Comparative Test Results:	Kg/cm ²	Mpa	Psi
Tensile Strength			
Concrete	21,09	2,07	300
Abocrete	632,70	62,06	9,000
Flexural Strength			
Concrete	35,15	3,45	500
Abocrete	738,15	72,40	105,000
Compressive Strength			
Concrete	248,05	24,13	3,500
Abocrete	846,60	82,74	12,000

Aboweld 55-1™

Repair Vertical and Overhead Surfaces Without Forms or Molds

Uses: Fill cracks, replace missing concrete, and *permanently* bond concrete and most rigid materials. Restore columns, walls, ceilings, foundations, pools, rails, stair risers and treads, sculptures, and more. Also great for installing machinery, posts, precasts, and other structural components.

Features and Benefits: Aboweld 55-1 has tenacious adhesion and structural strength that make it suitable for even the most punishing environments. Its other impressive characteristics are:

- Hardens underwater
- Resists slumping up to 3/8" thick on vertical surfaces
- Non-shrinking
- Highly chemical resistant

Technical Characteristics: 1:1 Ratio. Hardens in 1-6 hours depending on temperature. GREENGUARD Certified® ASTM C881,TP I, III, Grd 3, Clss C. Contact customer service for information on cold-weather hardeners.

Packaging:

- 12 Fl. Oz. Kit
- 2 Quart Kit
- 2 Gallon Kit
- 10 Gallon Kit



Aboweld 8708-2™

Hardens fast! No-slump Adhesive Paste

Uses: Offering similar strength and adhesion properties of Aboweld 55-1, it can be used for filling or sealing non-moving cracks and holes. Surfaces are ready in 10-20 minutes.

Color: Gray. ASTM C881,Tp.I, Grd 3, Clss B, C.

Packaging:

- 2 Quart Kit
- 2 Gallon Kit
- 10 Gallon Kit



Concrete Restoration & Maintenance

continued

Resurfaced Stairs Dazzle After Restoration

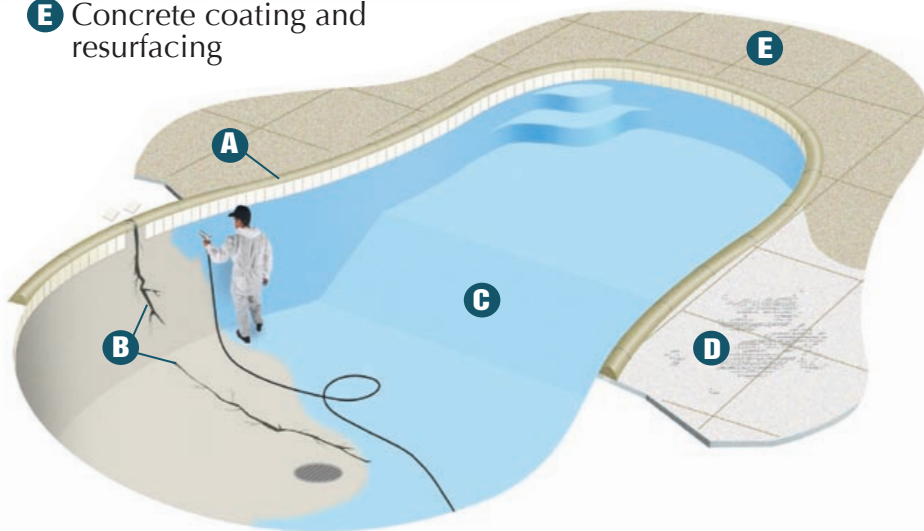
Using Aboweld 55-1 and Abocrete, Rasch Construction completed a total makeover of the Reuther High School steps in Kenosha, WI. The steps look like new, and the restoration was completed in a fraction of the time and cost of a replacement. Years of wear and tear from heavy foot traffic were evident. The damage included broken, cracked concrete and rusted metal from the rebar and railing posts. A wide crack had been sawn through several steps during a previous building restoration.

By the time the project started, replacing the stairs would take too long. To get them back in operation by the start of the school year, the contractor, Rasch Construction, turned to Abatron and used a combination of Aboweld 55-1 and Abocrete to restore the deteriorating staircase. The first job was to clean out any loose debris, and remove the rust stains. Next, Aboweld 55-1 was used to rebuild the missing and deteriorated concrete which made up the majority of the repairs. Buff colored Abocrete with beige Color Grit was used to recoat and finish the steps. After 5 years, the steps still look great.



Solutions for Pool and Patio Installation and Repair

- A** Coping and tile installation and repair
- B** Crack repair
- C** Pool paint
- D** Spalled and pitted concrete repair
- E** Concrete coating and resurfacing



A complete line of high performance products for pools and patios:

Application	Abocrete p.10	Aboweld 55-1 p.10	Aboseal 6-6 p.27	Abocoat 8508-1 p.30	BestBond Crack Repair p.12	Tread Spread p.32	Abocast 8007-2 p.13
Crack repair, horizontal	●	●	●		●		
Crack repair, vertical		●					
Concrete coating				●			
Concrete resurfacing	●						
Coping installation and repair	●	●					
Tile installation and repair	●	●					
Spalled concrete repair	●	●					
Joint sealant			●				●
Pool paint				●			
Non-slip surface						●	
Underwater repair		●				●	
Apply to wet surface		●					●

BestBond®

A trio of epoxy products in single cartridges for *anchoring*, *crack repair*, and *joint sealing*. All three are:

- Formulated for high strength and permanent adhesion.
- Shrink-free and contain no water or solvents.
- Designed for interior and exterior use with very low odor.
- Dispensed from convenient 9 fl. oz. cartridges that fit in a hand-held caulking gun. Each cartridge fills 16 cubic inches (266 cubic cm).



BestBond Anchor

Anchor pipes, posts, bolts, and rebar to concrete, stone, masonry, and most rigid surfaces. It hardens quickly and resists water, chemicals, and UV. High tensile, compressive, and pull-out strengths.

BestBond Crack Repair

Permanently fills and repairs cracks in concrete, stone, masonry, and most rigid surfaces. Added flexibility resists further cracking due to seasonal temperature changes. Recommended for horizontal applications. Hardens quickly and has high bond strength. Resistant to water, chemicals, and UV.

BestBond Joint Sealant

Fills expansion, control, and sawed joints in concrete and most rigid surfaces. Higher elongation allows for movement and settling of the concrete. Resists abrasion, water, chemicals, and UV. It will not oxidize.

Typical Test Results:	Anchor	Crack Repair	Joint Sealant
Hardening Time Minutes, approximate	40	35	35-60
Hardness Shore A or D	80 D	73 D	80 A
Pull-Out Strength ASTM C- 882 psi	1,600		
Compressive Strength psi	11,000		
Tensile Strength psi	3,700	1,270	78
Elongation %		30	25
Application Temperature °F (°C)	50-90 (10-32)	50-90 (10-32)	50-90 (10-32)

Packaging: BestBond Anchor, BestBond Crack Repair, BestBond Joint Sealant: 9 Fl. Oz. Cartridge

Basement Floor Transformation with Abatron Repair Products

"It is astonishing to see the transformation. We are seniors and did all of this ourselves. I know we saved thousands of dollars by doing this ourselves. Thanks for the great products and the technical help when I called with questions."

—P. Merritt, Lexington, Kentucky

A wet basement is a hassle. Aside from the mess it causes, water can cause serious damage to concrete walls and floors. P. Merritt from Lexington, Kentucky solved the problem. Hydrostatic pressure continuously pushed water up through cracks in his basement floor. He filled the cracks with Abojet®. Then he coated the entire floor with **Abocrete**. His basement has remained dry ever since.



Concrete Restoration & Maintenance

continued



Aboweld 55-1 (pg. 10) structurally bonded these balusters back to their original form.

Abocast 8005-6 Bond New Concrete to Old

Creates a stronger-than-concrete bond between wet-poured concrete and old concrete. Use this bonding agent to repair bridges, runways, ramps, decks, driveways, and patios. Resurface concrete and terrazzo floors with thin, lightweight layers of concrete.

Packaging:

- 1.5 Gallon Kit
- 10 Gallon Kit

Abocast 8007-2 Heavy Duty Flexible Sealant and Joint Filler

Uses: An ideal product for filling joints and cracks in exposed structures such as bridges, docks, parking garages, driveways, and flat roofs. Also works well for repairing cracks and joints between concrete and steel and installing and sealing bulkheads, windows, and other framed openings, basin drains, and pipes. Can be applied to wet surfaces. Endures any weather and resists chemicals.

Features and Benefits: This two part polysulfide/epoxy compound provides high adhesion and medium flexibility. Resin and hardener can be mixed in varying ratios to increase flexibility.

ASTM C881, Tp I-III, Grd 3, B, C.

Color: Gray

Typical Test Results:

Hardening Time Hours, approximate	1-24 (depends on temperature)
Hardness Shore D	<55
Tensile Strength psi	1900
Elongation %	40
Application Temperature °F (°C)	>33 (1)

Packaging:

- 2 Quart Kit
- 2 Gallon Kit
- 10 Gallon Kit

Abojet® Crack Injection System

“Weld” Cracked Structural Elements Back Together

Uses: Restore monolithic integrity to cracked structural elements by injecting an epoxy compound into the crack to fill and “weld” it back together. Seals foundations and below grade walls against water seepage. The Abojet series of resins is most commonly used in the restoration of load-bearing walls such as foundations, retaining walls, abutments, swimming pools, dams, decks, silos, bridge piers, columns, domes, concrete pipes, and tanks.

Features and Benefits: Since Abojet bonds permanently and is stronger than concrete, the “welded” wall can be stronger than the original. It is the perfect solution where structural requirements cannot be compromised and a dependable and cost-effective alternative to demolition.

Technical Characteristics: The Abojet system consists of a resin and hardener packaged in a single cartridge. When the barrier separating them is plunged, they begin to harden. Injected into the crack or cavity, it hardens within minutes or longer depending on temperature. The hardened system is dimensionally stable and virtually shrink-free.

Each 10 fl. oz. cartridge fills 18 cubic inches (295 cubic cm).

Typical Test Results:	Concrete			Abojet		
	Kg/cm ²	Mpa	Psi	Kg/cm ²	MPa	Psi
Tensile Strength	21,09	2,07	300	350-770	34,5-75,84	5000-11,000
Flexural Strength	35,15	3,45	500	350-914	34,5-89,6	5000-13,000
Compressive Strength	248,05	24,13	3,500	114-212	5 5,1-110,3	8000-16,000

Abojet	For Cracks
8610-1	Very thin
8610-3	< .5 in (1 cm)
8702-3	> .5 in (1 cm)

Packaging:

- 10 fl. oz. Cartridge
- 6 Quart Kit
- 6 Gallon Kit
- 24 Gallon Kit



The Abojet Crack-Injection Process:

1. Clean the crack. If using water jet, allow to dry. Widen crack if needed.
2. Seal the crack along the backside of the wall, if possible, with a paste like Aboweld 55-1 or 8708-2 (see page 10).
3. Install injection ports along the front side of the crack every 8-12 inches. Seal it with Aboweld 55-1.
4. Inject Abojet through the lowest port, until the resin starts oozing from the port above it.
5. Crimp port shut that was just injected with Abojet.
6. Continue process of injecting resin and crimping until no more resin can be injected.
7. Cut off ports after Abojet hardens.

The sealed surface on the wall can be sanded or finished. Sufficient strength will be reached within 1-4 days, depending on the temperature and bulk.



Concrete Restoration & Maintenance

continued

Garage Floor Coating Kits

Add sparkle to that dingy garage with these epoxy coating kits. They will not only improve appearance, but also make it easier to clean and protect the concrete from penetrating oils, fluids, and corrosive salts. Each of the prepackaged kits contains ample products to cover 400 sq. ft. (approximately a 2 car garage).

Vinyl Chip System

This showroom-style system adds eye-catching beauty to the floor. Slip-resistant and easy-to-clean, the vinyl flakes add a pop of color over the glossy epoxy basecoat.

Each system contains:

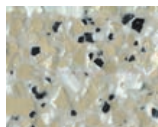
Epoxy primer (2 gal)
Epoxy basecoat (4 gal— enough for two coat coverage)
Polyurethane topcoat (1.5 gal)
Vinyl chips (20 lb— see color selections below).
Custom colors available.



Beach



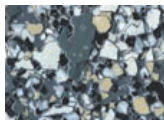
Glacier



Bone



Winter Sky



Salt n'Pepper



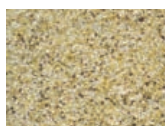
Night

ColorGrit System

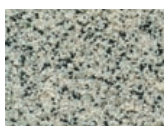
This system takes slip-resistance to a whole new level. The ColorGrit aggregate, which is broadcast onto high-solids epoxy, bonds to the coating, resulting in a colored, textured surface that will protect and enhance the concrete for years. Easy to clean. Skip the topcoat to make this system great for patios, driveways, and pool decks, too.

Each system contains:

Epoxy primer (2 gal)
Basecoat (3.75 gal)
Polyurethane topcoat (1.5 gal)
ColorGrit (135 lb – see color selections below)
Custom colors available.



Beige



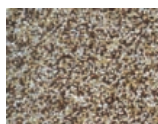
Light Gray



Slate



Charcoal



Chocolate



Rustic Red



Midnight Blue

GreaseGone™

Dissolves the Toughest Grease and Oil

It penetrates deeply and dissolves the toughest grease and oil stains. Non-toxic, non-flammable, non-corrosive, and safe to use on most surfaces. Can also be used to remove dirt, ink, wax, and soap scum.

Packaging:

•1 Quart •1 Gallon

Safetch™

Concrete Etching Compound

Safe and easy to use, this powerful compound is a non-corrosive alternative to muriatic acid. It creates a buffer or chemical block when in contact with human skin so it will not burn. However, in the presence of reactive deposits such as calcium carbonate and calcium sulfate, Safetch behaves just like muriatic acid by rapidly dissolving the calcium scale without any of the harmful effects of muriatic acid. Safetch is non-fuming, reducing corrosion of steel and metal, and is VOC and phosphate free. It can be used undiluted or diluted with up to two parts water.

Packaging:

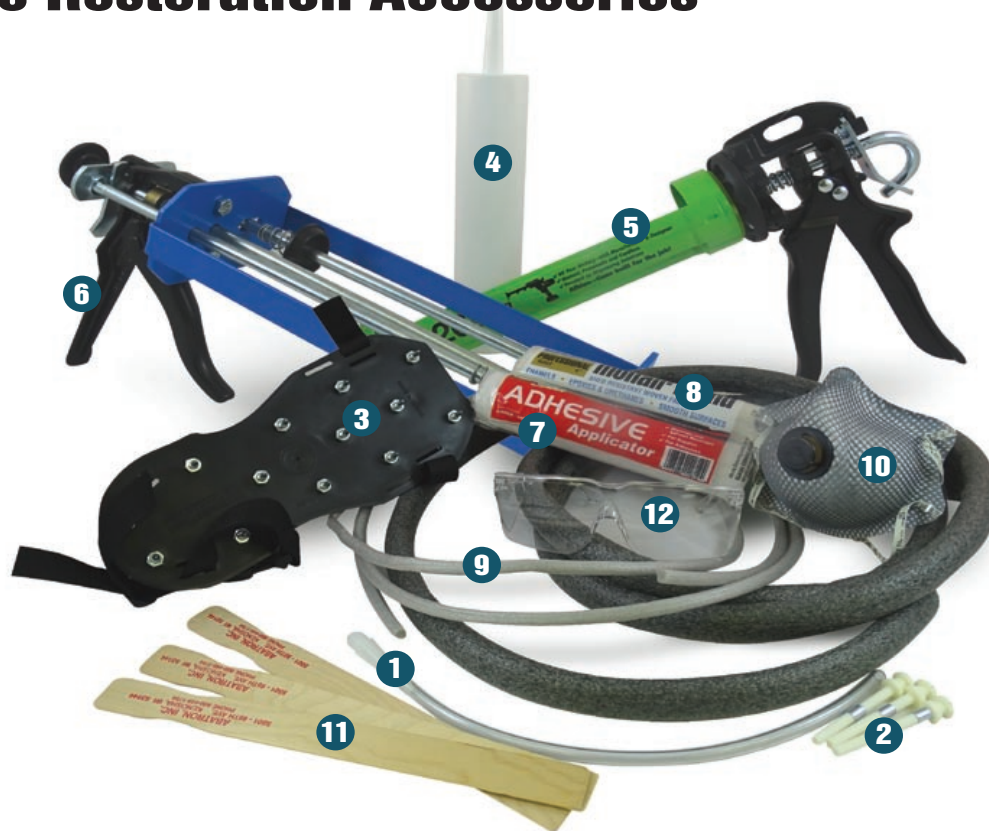
•1 Gallon •5 Gallons



"We love how the garage floor coating turned out. The space was completely transformed. It's been four years and it still looks brand new."

– Dr. Clifton and Gladys P., Kenosha, WI

Concrete Restoration Accessories



1 Nozzle

Fits premeasured Abojet crack-injection cartridges. Necessary for dispensing crack-injection resins. Reusable.

2 Injection Port

Plastic tubes with metal bands that can be crimped to prevent back-flow of Abojet resin. Insert into vertical cracks to dispense crack-injection resins.

3 Spiked Shoes

When working on freshly applied floor coatings, spiked shoes are a necessity. The shoes have adjustable straps and are one size fits all. Shoes are constructed of durable polypropylene and have 13.75 inch (2 cm) spikes.

4 Caulking Tube

Holds up to 10 fl. oz. (296 mL) of pastes or liquids. Fits standard caulking guns.

5 1/10 Gallon Manual Cartridge Gun

The B26 manual cartridge gun is designed for comfortable, efficient dispensing of thicker materials and 2-part adhesives packaged in Universal or Peeler style cartridges with static mixers. The high thrust ratio drive, 26:1, makes it easy to pump. The barrel rotates for easy application. Dual gripping plates double the life of the tool. Great for cold weather use.

6 Dual Barrel Cartridge Dispenser

This dispenser is used with 15 fl. oz. (300 mL x 150 mL) and 20 fl. oz. (300 mL x 300 mL) dual barrel cartridge systems. An adapter kit configures it for 20 fl. oz. This sturdy, hand-held dispenser operates with manual pressure.

7 Adhesive Paint Roller

Recommended for applying thicker coatings for a smooth, even surface.

8 Mohair Applicator

9 inch (23 cm) Mohair “fuzz-free” paint roller. Shed-resistant white mohair fabric for all paints, enamels, urethanes, and epoxies. The mohair/polyester blend provides better production and coverage. The polypropylene core resists water, solvents, and cracking.

9 Plastic Rope

Soft, flexible foam rope, 3/8 or 1-1/8 inch (1 or 2.9 cm) diameter. Recommended for insertion into horizontal cracks before use of filler to prevent flow of material under the slab.

10 Organic Vapor Mask

Recommended for use when applying solventborne coatings.

11 Paint Sticks

Use 12 inch (30.5 cm) wooden sticks for mixing and stirring. Package of 5.

12 Protective Goggles

Protect eyes from splashes.

Metal Restoration

Mastershop Series: Metal-filled Epoxy Compounds Repair, Bond and Build-up Damaged Metal Elements

Uses: Applications are nearly limitless. Permanently repair any decorative or structural metal components. Also use these products on ceramic, glass, fiberglass, and most rigid surfaces. They offer the perfect solution to restore and rebuild metal window frames, sinks, pipes, gates, fences, stair rails, tanks, pipelines, off-shore rigs, vehicles, engines, tools, molds, frames, ship decks, bulkheads, hulls, stacks, masts, and more.

Features and Benefits: These compounds offer versatility and resistance to wear and tear, even in high impact environments. They are shrink-free, dimensionally stable, and unaffected by atmospheric conditions, water, salt, alkalis, diluted acids, most solvents, oils, and grease. Resists temperatures up to 212°F (100°C). Apply in any thickness. The cured product is easy to machine with standard tools and can be painted.

Product	Description	Technical characteristics
MetalFix-P™	Aluminum-filled structural adhesive putty. Patch, bond, and resurface metal, structural components, patterns, molds, pipes, tanks, sculptures, and appliances. Forms a permanent bond with metals, ceramics, glass, fiberglass, and most rigid materials.	Lb/gal: 12.5; Kg/L: 1.5 Pot life: 1 hour Color: Gray
MetalFix-L™	Fluid pourable version of MetalFix-P. For patterns, molds, prototypes, casting, and all applications where a castable, fluid, MetalFix-P is needed. Excellent for tooling.	Lb/gal: 13; Kg/L: 1.6 Pot life: 1 hour Color: Gray
Ferrobond-P™	Steel-filled, structural adhesive putty. Repair or fill metal components, castings, tanks, and magnetic fixtures. Preferred to MetalFix-P where heavier weight, magnetism, or highest heat transfer are the main criteria.	Lb/gal: 20.5; Kg/L: 2.5 Pot life: 1 hour Color: Dark Gray
Ferrobond-L™	Fluid pourable version of Ferrobond-P. Casting version of Ferrobond-P. Choose when flowing consistency is needed for pouring. Excellent for tooling.	Lb/gal: 19; Kg/L: 2.3 Pot life: 1 hour Color: Dark Gray
BronzeWeld-P™	Bronze-filled structural adhesive putty. Ideal for statuary, antiques, boats, transportation equipment, vases, railings, metal furniture, metal trim, frames, and instruments. Use like MetalFix or Ferrobond where a bronze appearance is preferred.	Lb/gal: 16; Kg/L: 1.9 Pot life: 1 hour Color: Bronze
SS-Bond-P™	Stainless steel-filled structural adhesive putty. Use where a filler is needed that is as heavy, hard, and wear-resistant as iron, but rustproof and more chemical resistant. Common with stainless-steel equipment.	Lb/gal: 21.5; Kg/L: 2.5 Pot life: 1 hour Color: Gray

Typical Test Results:	MetalFix-P	MetalFix-L	Ferrobond-P	Ferrobond-L	BronzeWeld-P	SS-Bond-P
Lap shear strength (psi)	2,500	2,500	2,200	2,200	2,500	2,500
Tensile strength (psi)	2,200	3,000	3,400	1,900	2,500	2,500
Flexural strength (psi)	6,000	5,500	6,400	5,800	4,400	3,300
Compressive strength (psi)	8,200	8,200	8,700	9,400	4,000	3,300
Shore D Hardness	81	81	80	79	80	76
Elongation 7 days	1.4%	4.09%	2.2%	2.94%	4.46%	3.15%

Packaging:

MetalFix-P and MetalFix-L: 1 lb., 3 lb., and 15 lb. Kit

Ferrobond-P and Ferrobond-L: 1 lb., 4 lb., and 25 lb. Kit

SS-Bond-P: 1 lb. and 4 lb. Kit

BronzeWeld-P: 1 lb. and 4 lb. Kit



Rust Remover

Banish Ugly Rust Stains with This Unique Rust Remover

Uses: Removes stubborn rust stains from stone, concrete, tile, siding, cloth, metal, and other surfaces. Ideal for removing rust from toilets, showers, sinks, antiques, tools, vinyl upholstery, canvas, deck fittings, cotton, wool, linen, carpets, and more. Not for use on highly polished surfaces.

Features and Benefits: Rust Remover quickly transforms stubborn rust stains into visible salts that dissolve in water and rinse away. Does not run like other rust removers. Safe and easy to use. Spray.

Technical Characteristics: Contains no corrosive phosphoric acid. Rust Remover will etch glass, glazed tile, and other highly polished surfaces. Test for suitability.

Packaging:

- 8 Ounces
- 32 Ounces
- 1 Gallon

Before



After

POR-15® Rust Preventative Coating

Stop Rust Permanently

This high performance coating is designed for application directly on rusted or seasoned metal surfaces. It is non-porous and seals and protects many surfaces from water, chemicals, salt, and other corrosive contaminants. Paint directly over rust. It also works as an effective anti-corrosive and rust preventative coating that offers superior chemical resistance due to its dense, cross-linked molecular composition and non-porous attributes.

The successful results come from POR-15 Rust Preventative Coating's curing process. Most paints dry through evaporation, but this product dries faster when moisture is present. Add to that its incredible hardness, toughness, and flexibility, and you have a coating that is practically indestructible. This product makes permanent rust repairs great for many applications, including auto frame and chassis restoration. It protects valuable equipment against rust and corrosion.

Packaging: •Super Starter Kit – A 4 oz. can of POR-15 Gloss Black, half pint of POR-15 Metal Prep, two wooden handle paint brushes, and a pair of special high-dexterity surgical latex gloves, plus an 8-ounce bottle of POR-15 Cleaner degreaser.



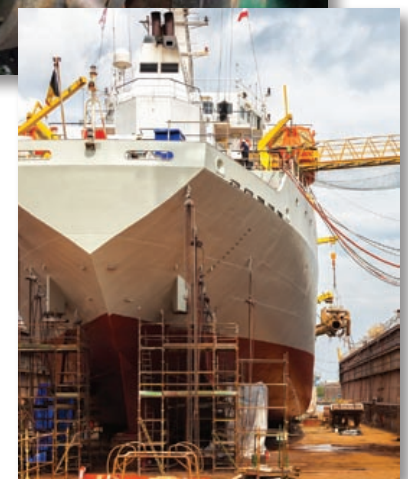
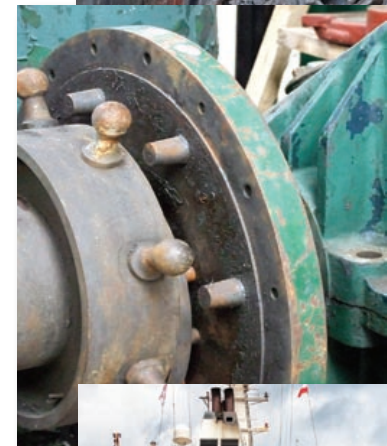
Total Solutions Rust Converter

Turn Rust Into Protective Coating

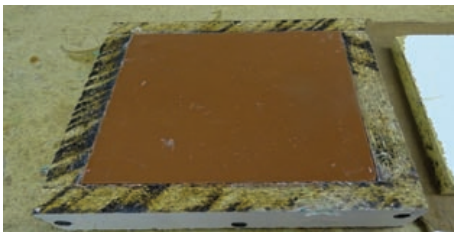
Rust Converter is a liquid surface conditioner and primer that converts existing rust into an inert, protective coating that seals out moisture and corrosion. No sanding or etching required. Unlike other products, it is not a simple cleaner or cover up. The special formula attacks rust at the chemical level for fast, long-lasting results. Treated surfaces turn matte black, and can be left as-is or painted with an oil-based paint for even longer protection against new rust. Ideal for treating smaller surfaces with a brush or roller, or spraying directly from the bottle.



Packaging: 1 Quart



Mold Making & Casting Compounds



Make high-strength molds that reproduce intricate details. Easy proportioning, dimensional stability, fast results, and safe to use.

Create a Mold and Casting in 4 Easy Steps!

1

Apply release agent to model.

2

Apply MasterMold.

3

Peel mold off model when hardened.

4

Cast the new mold. Remove casting when hardened.

MasterMold 12-3® Makes Molds of Any Size for Architectural and Artistic Reproductions

Uses: Build up this flexible polyurethane mold making paste in one application to replicate intricately detailed architectural elements. Use on both vertical and overhead surfaces. Designed for making molds of elements that cannot be removed from the structure, as well as models with severe undercuts, including: busts, statues, finials, reliefs, and furniture parts where a one part mold is desirable. Other typical uses include reproducing capitals, ceiling medallions, corbels, moldings, figurines, and other three dimensional objects. Molds are reusable.

Features and Benefits: MasterMold 12-3 is easily spread on the model to produce a smooth, bubble-free mold surface that captures the finest details. The molds are ready to use in less than one day. Its elasticity, softness, and high strength permit easy peeling from intricate shapes. Support molds for supporting the flexible mold, while casting, can be made with plaster, WoodEpox, or resin/fiberglass techniques. Release agent is necessary for both the model and when casting the mold in most instances. Release agent is not necessary for waterborne casting materials such as plaster.

Technical Characteristics: Hardens in 8-12 hours at room temperature. Easy proportioning of 1 part resin to 1 part hardener by volume.

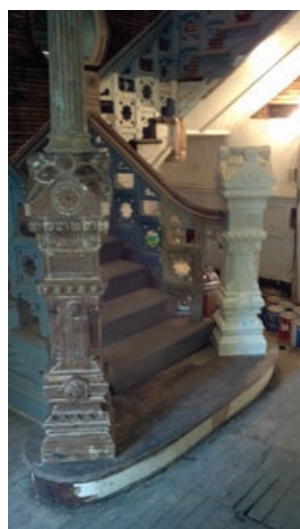
Elongation	>600%
Hardness, Shore A	38
Tensile Strength	180 Psi (12.7 Kg/cm ²)

Packaging:

•2 Quart Kit •2 Gallon Kit •10 Gallon Kit



Castings made using MasterMold



Newel post on right recreated using MasterMold and Woodcast.

MasterMold 12-8® Pourable Mold Making Compound

Uses: This liquid polyurethane mold making compound is best suited for making molds of objects that can be laid flat in a container allowing the mold making compound to be poured onto and around them. Examples include, moldings, low reliefs, medallions, corbels, pilasters, jewelry, and masks. Recommended for one and two part molds.

Features and Benefits: It reproduces exquisite details while remaining flexible, reusable, and easy to use.

Technical Characteristics: Hardens in 12-16 hours at room temperature. Easy proportioning of 1 part resin to 1 part hardener by volume.

Elongation	>600%
Hardness, Shore A	28
Tensile Strength	57 Psi (4.0 Kg/cm ²)

Packaging:

•2 Quart Kit •2 Gallon Kit •10 Gallon Kit

Abocast 4-4™ Makes Rigid Molds and Castings

Uses: A versatile, machinable compound for making rigid poured molds and casting patterns of any size into the same mold or other molds. Well-suited to make molds for: reproduction, vacuum-forming, patterns, fixtures, tooling, urethane foam molds, prototypes, and engravings. Available with various hardeners for all purposes.

Features and Benefits: Abocast 4-4 reproduces precision detail. It is the best choice for rigid molds and castings. Hardening is exothermic (heat generating) and accelerated by heat, therefore large castings harden faster. Easy to proportion. Can be machined with common metal-working tools.

Technical Characteristics: Metal-filled, two component epoxy compound. Hardens in 8-48 hours at room temperature or in 2-4 hours at 176-230°F (80-110°C).

Typical Test Results:	Kg/cm ²	Mpa	Psi
Compressive Strength	878	86,19	12,500
Flexural Strength	506	49,64	7,200
Tensile Strength	365	35,85	5,200
Elongation	3.6%		

Packaging:

•1 Gallon Kit •3.8 Gallon Kit

Mold Making & Casting Compounds

continued

Artist Inspired by Nature Adorns Trail with MasterMold® Reliefs

The walking paths in the Openlands Lakeshore Preserve in Highwood, IL, feature stunning scenery, as well as art installations like *The Soil is Alive*, a set of ten bronze bas-reliefs by local artist Sharon Bladholm. Her reliefs depict microscopic creatures that live in the soil of the seventy-four acre oasis.

Bladholm cast the bronze-like pieces using a mold made from MasterMold 12-3, a flexible mold making paste used for restoration, art, and architectural reproduction. It allowed her to recreate the organisms in intricate detail that in life are mostly invisible to the naked eye. Now passersby can enjoy the splendor of the lake, as well as the beauty of the unseen at Openlands Lakeshore Preserve.



Release Agents

Release agents prevent models and casting compounds from sticking to molds.



Abhesive 15-B™ Siliconeborne Release Agent in Solvent

Apply to molds and models for easy removal of mold or casting. Flammable.

Packaging: •1 Quart •1 Gallon

Abhesive 15-C™ Waterborne Mold Release Agent

Apply to molds and models to facilitate removal of mold or casting. Can be removed with plain water.

Packaging: •1 Pint •1 Quart •1 Gallon



The above castings were made using MasterMold.

Casting Compounds

Woodcast™

Lightweight, Exceptionally Strong Casting Compound

Developed for making exterior and/or indoor castings. WoodCast reproduces exquisite details. The cured product is durable and difficult to chip or damage. This pourable liquid epoxy compound can be stained, painted, and wood-grained. 7.5 lb/gal (.90kg/L). Hardens in 2-8 hours at room temperature.

Color: Light beige

Packaging: •2 Quart Kit •2 Gallon Kit •10 Gallon Kit

Abocast 8-3™

Clear Epoxy Casting Resin

Slow reactivity and lower heat of reaction. Recommended for larger, as well as smaller castings. It can be blended with minerals and other fillers to obtain unlimited modifications. Excellent for use with fiberglass and other reinforcements for structural laminates and composite structures because of its superb adhesion. Low shrinkage. Suited for both exterior and interior exposure.

Packaging: •1.3 Gallon (12 lb.) Kit •5.3 Gallon (47 lb.) Kit

Abocast 4-4™

Versatile Metal-filled Casting Resin

Makes exceptionally tough, durable castings. See page 20 for details.

Abocast 8503-3™

Clear and Colorless Casting Compound

Recommended for precise reproductions, decoupage, embedding, and table tops. Abocast 8503-3 produces a very hard, strong casting in 1-10 hours at room temperature, depending on the size of the casting. It is without the high shrinkage of acrylic or other clear resins. Castings are bubble-free and virtually shrink-free.

Packaging: •0.6 Gallon (5.5 lb.) Kit •2.4 Gallon (22lb.) Kit

Gypsum-1™

High Quality Casting Plaster

Produces castings that are harder and stronger than ordinary casting plasters. Gypsum-1 reproduces fine details and gives a hard, chip resistant, smooth surface. Use for casting capitals, statues, moldings, medallions, and reliefs. When mixed with water, 11 pounds yields approximately 1 gallon of casting plaster that sets in about 20-25 minutes. Color: white. It can be painted. This product is not recommended for exterior use or exposure to water.

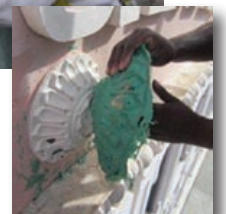
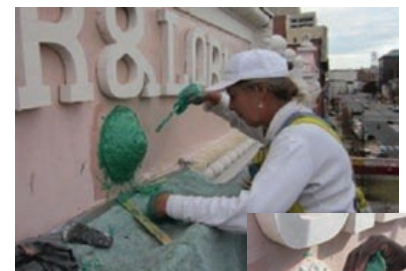
Packaging: •8 Pounds •40 Pounds

Castings Return Historic Building to its Original Elegance

The newly-minted Rushton Stakely building in Montgomery, Alabama has earned its name. The law firm Rushton, Stakely, Johnston & Garrett, P.A., the building's namesake, has owned and occupied the Steiner-Lobman building (as it was long known) for decades, slowly restoring the beautiful 1891 Italianate edifice that was first used as a dry goods warehouse. The building is an historical and architectural gem in Montgomery.

When the firm decided to add its name to the building, they asked Hilda Dent, owner and founder of Old House Specialists, to replicate missing headers and a medallion to fully restore the façade. Dent reached out to Abatron to create a custom mold and castings from a damaged header featuring the face of the Roman god Neptune. Abatron repaired the header, used it to form a mold, and created five replica castings that perfectly matched the existing ones.

Dent used Abatron's MasterMold 12-3 to create an on-site mold of a medallion that could not be removed from the building. Using Woodcast™ as the casting material, she was able to replicate the medallion in full detail. The casting was placed on a previously blank parapet below the building's new name.



Mold Making & Casting Compounds

continued

Abatron's In-house Mold Making and Casting Studio

Take the guesswork out of making molds and castings. We can make them for you! Get products in place and on time. Check out some of our projects on pages 19-23.

For a quotation send us:

- A description of your model, including a picture or drawing
- The dimensions of the model
- The number of castings needed
- Location of castings (interior or exterior)
- Desired casting material (epoxy, light weight epoxy, plaster, concrete, fiberglass, foam, and more)

Send information and requests to:
info@abatron.com

or
ABATRON, INC.
Attn: Mold Shop
5501 95th Ave
Kenosha, WI 53144



"No one could replicate it. We were almost at the point where we told the customer we could not do it. Then I remembered that Abatron made castings, too. It is just perfect."

- Todd Parrott, customer, ordered a mold and castings from Abatron to replicate decorative crown molding for a private residence in Buckhead Atlanta, Georgia.

Mold Making Accessories

Fiberglass Tape

Recommended for reinforcement of thin castings. Available in 1 and 4 in. (2.5 and 5 cm) widths.

Measuring Cups

Clear, plastic cup measures both in US and metric equivalents. Choose from 4 or 17 fl. oz. (118 or 502 mL) sizes.

Mold Making DVD

Architectural Restoration with Flexible Moldmaking Compounds demonstrates application methods on job sites. Subjects include reproducing a capital, high relief, ceiling medallion, and embossed wall-covering. 20 minutes.

Prop Builders Molding and Casting Handbook by Thurston James

A comprehensive guide to molding and casting compounds and procedures in the design and construction of theater properties and scenic elements. A great resource for anyone interested in molding and casting – especially the novice. Straightforward, easy to read instructions and information, including suggestions on using readily available household items as tools. 236 pages.



Krack Kote®

**BANISH
CRACKS
FOREVER!**

Make invisible, permanent repairs to cracked walls and ceilings in under an hour. No sanding required. Once the second coat dries, it is ready to paint! No primer needed.

The specially formulated acrylic emulsion is used with a polyester mesh to bridge over cracks. It retains its flexibility as it dries, without shrinking. This allows the repair to move as the wall moves, leaving a seamless repair that will not reopen like other fillers or putties.

Krack Kote can be used on drywall, plaster, stucco, wood, concrete, and cement block. It cleans up easily with soap and water. The kit contains:

- Krack Kote emulsion: 1 fluid pint
- Krack Bridge fabric: 20 feet
- Spreader
- Instructions and tips (English, French, Spanish)

Packaging:

- **Krack Kote Kit:** 1 pt. (includes 2 in. x 20 ft. of Krack Bridge Fabric)
- **Krack Kote Emulsion:** 1 qt., 1 gal.
- **Krack Bridge Fabric** – 2 in. x 20 ft.; 200 ft.; 500 ft.
- **Krack Bridge Fabric** – 4 in. x 500 ft.



Nu-Wal® Plaster Restoration System Makes Walls Look Like New Again

The Nu-Wal system conceals cracks and holes, producing a smooth, consistent wall surface that looks like new. It works by covering and reinforcing whole walls and ceilings with an elastomeric saturant (#2500 Coating) and fiberglass mat which can be painted or papered. Cracks do not re-appear, and the surface resists impacts, abrasions, rot, and decay. The non-flammable material is perfect for indoor use and has no toxic fumes. The Nu-Wal system is durable, long-lasting, and easy to install. Repairing plaster with Nu-Wal conforms to all the requirements of ASTM E-1795 and ASTM E-1797 of liquid coatings for leaded paint in buildings.

Coverage:

- 2 gallons of saturant and 1 roll of 40 ft. mat covers 160 sq. ft.
- 6 gallons of saturant and 1 roll of 120 ft. mat covers 480 sq. ft.

Packaging:

- **#2500 Coating:** 2 gal.; 6 gal.
- **Fiberglass Mat:** 40 ft. x 48 in.; 120 ft. x 48 in.



Plaster Washers Repair Loose Plaster

These specially shaped and perforated steel washers restore strength to damaged plaster. A steel screw is driven through the center of the washer and down through the plaster into the lath below. As the screw is tightened, the washer draws the plaster back into firm contact with the lath and anchors it from further movement.

Packaging: 1 Package of 10 Washers



See instructional video at
www.abatron.com/videos

"We have a 120 year old house with lath and plaster walls. This has worked great for fine cracks."

– Effie, customer

"This is absolutely the best product on the market for mending joints so they do not crack again."

– Marianne G., customer

Adhesives & Sealants

Abatron's selection of high-strength, specialty adhesives, sealants, and grouts meet the most demanding requirements. These shrink-free, solvent-free, epoxy-based products can be used on most rigid surfaces, unless noted otherwise. Shelf-life is almost unlimited if containers are tightly sealed.

Aboweld 55-22™ All-Purpose Adhesive Gel for Projects of Any Size

This thixotropic, structural epoxy adhesive is ideal for bonding, filling, and patching. Use on stone, concrete, masonry, metal, ceramics, glass, fiberglass, and virtually any rigid surface. For indoor and outdoor applications to create a very strong bond. Resists sagging on vertical surfaces. Solvent-free and food grade. Translucent. Apply by brush, paint roller, trowel, or squeegee. Hardens in 2 or more hours depending on temperature.

		Kg/cm ²	Psi
Compressive Strength		880	12,500
Elongation	3.7%		
Flexural Strength		675	9,600
Hardness, Shore D	>80		
Tensile Strength		576	8,200

Packaging:

- 15 Fl. Ounce Cartridge (requires dual-barrel dispenser)
- 3 Pint Kit •3 Quart Kit •3 Gallon Kit

Epotron 5™ All-Purpose Liquid Adhesive

Often used for structural and laminating applications. Creates a high strength structural bond with high overall impact resistance. Bonds ceramics, glass, metal, wood, stone, and most rigid surfaces. Use both indoors and outdoors. Food grade. Tack-free in 4 hours appx. Apply with a brush, roller, or squeeze bottle.

Color: Translucent amber

	Kg/cm ²	Psi
Tensile Strength	583.49	8,300
Compressive Strength	872	12,400

Packaging: •3 Pint Kit •3 Gallon Kit

Aboseal 8104-12™ Flexible Heavy-Duty Polysulfide Epoxy

Used primarily for strong adhesion in heavy-duty applications. High performing thixotropic paste for sealing, filling, and resurfacing. Use on ship decks, bulkheads, runways, parking garages, commercial and industrial floors, driveways, sidewalks, and asphalt surfaces. Mix with sand or aggregate to make grout. Hardens in 2 hours or longer.

Color: Translucent amber

	Kg/cm ²	Psi
Elongation	150-200%	
Hardness, Shore A	57-60	
Tensile Strength	14.8	200-220

Packaging: •6 Quart Kit •6 Gallon Kit

Aboweld 8212-4™ Modeling Adhesive Putty

Use for sculpting, repairs, and replacement in ceramics, stoneware, and pottery. Build up to any thickness by hand like modeling clay. Slump resistant. Can be painted and faux-finished. Since it is much stronger and more impact resistant than concrete or marble, it is an excellent choice where other materials cannot be used because of fragility. Unaffected by atmospheric conditions, most solvents, oils, and grease. It can be reshaped or repaired by adding new material to the old. Hardens in 4-12 hours.

Color: Off-white

Packaging:

•2 Pint Kit •2 Quart Kit •2 Gallon Kit •10 Gallon Kit

Rockweld 55-27™ Epoxy Putty with Rock-Like Texture

The slightly abrasive surface works well for sculpting and repairing stone, concrete, masonry, terracotta, and ceramics. Hand shape or sand by hand or with mechanical tools. Slump resistant. Stone-like appearance when cured. Can be painted, as well as colored, with dry pigments. Chemically resistant and unaffected by atmospheric conditions. Bonds to wet and dry surfaces. Hardens in 2-4 hours.

Color: Neutral

		Kg/cm ²	Psi
Compressive Strength		513	7,300
Elongation	2.8%		
Flexural Strength		281	4,000
Hardness, Shore D	80		
Tensile Strength		162	2,300

Packaging:

•2 Pint Kit •2 Quart Kit •2 Gallon Kit •10 Gallon Kit

Aboweld 8101-5™ 5 Minute Hardening Adhesive Gel

For repairs, assemblies, and laminations that require a thicker, fast hardening adhesive. Hardens even in extremely cold environments. Bonds to most rigid surfaces, including china, ceramics, wood, marble, and hard plastics. Translucent. Tensile lap shear strength: 2,270 Psi. Hardness Shore D: 74.

Packaging:

•1 Fl. Oz. Dual Syringe
•2 Pint Kit
•2 Quart Kit
•2 Gallon Kit



Abocast 8012-9™ 5 Minute Hardening Adhesive Liquid

Use for repairs, assemblies, and laminations that require quick hardening. Bonds to most rigid surfaces like ceramics, metal, wood, stone, and hard plastics. Cures in freezing temperatures and will not become brittle. Honey-like viscosity. Clear. Tensile lap shear strength: 2,280 Psi. Hardness Shore D: 70-75.

Packaging:

•1 Fl. Oz. Dual Syringe
•2 Pint Kit •2 Quart Kit •2 Gallon Kit

Aboweld 48-33™ All-Purpose Adhesive Paste

Recommended for the widest range of architectural and maintenance uses. Its high strength is perfect for bonding and patching structures, tools, tanks, bridges, bulkheads, tools, and pipes. Also use to bond granite and marble to floors and walls and to install precast concrete slabs. Seals against water seepage. Easy to spread and sag resistant. Unaffected by atmospheric conditions and most acids, solvents, oils, and greases. Hardens in 2-12 hours.

Color: Gray

		Kg/cm ²	Psi
Tensile Strength		422	6,000
Flexural Strength		563	8,000
Compressive Strength		844	12,000
Hardness, Shore D	85		

Packaging: •3 Pint Kit •3 Gallon Kit •15 Gallon Kit

Aboweld 8305-5™ Adhesive Paste for Wet and Dry Surfaces

When conditions do not allow for thorough drying, this product performs well. Strong adhesion in brutal environments. Exceptionally resistant to chemicals, solvents, and grease. Easy to spread, but sag resistant on vertical surfaces. Hardens in about 4-6 hours depending on temperature. It is used for installing channels in floors to divert water to drains and other forms of below grade water control. Bonds to metal, rigid plastics, concrete, masonry, and most rigid surfaces.

Colors: Gray or White

Packaging:

•2 Pint Kit •2 Quart Kit •2 Gallon Kit •10 Gallon Kit

Adhesives & Sealants

Continued

Aboseal 6-6™ Heavy-Duty Joint Sealant

High performing in both interior and exterior environments to fill joints and cracks. High bond strength and very low shrinkage. Holds up extremely well through seasonal weather changes.

Color: Gray

Elongation	130%
Hardness, Shore A	68
Tensile Strength	23 psi

Packaging:

- 15 Fl. Ounce Cartridge (requires dual-barrel dispenser)
- 3 Quart Kit • 3 Gallon Kit

Polyflex™ Fast-Hardening Flexible Polyurea Adhesive

Hardens in 1 to 10 minutes with excellent adhesion and weather and water resistance. Hardens even at freezing temperatures. Widely used for installations, repairs, and maintenance in extremely cold environments. Useful in areas that are continuously wet. Bonds to most rigid materials such as aluminum, copper, glass, stone, fiberglass, leather, and electrical components. Use in temperatures as low as -20°F (-28°C). Resists temperatures up to 300°F (148°C).

Elongation	400%
Hardness, Shore A	65

Packaging:

15 Fl. Ounce Cartridge (requires dual-barrel dispenser)

Adhesives & Sealants Accessories

1 Dual Barrel Cartridge Dispenser

This sturdy, hand-held dispenser is used with 15 and 20 fl. oz. dual barrel cartridge systems. An adapter kit configures it for 20 fl. oz. Operates with manual pressure.

Packaging:

1 Dispenser

2 Static Mixer

This device fits on the end of a dual barrel cartridge system and mixes and dispenses the adhesive in one operation. 9 inches.

Packaging:

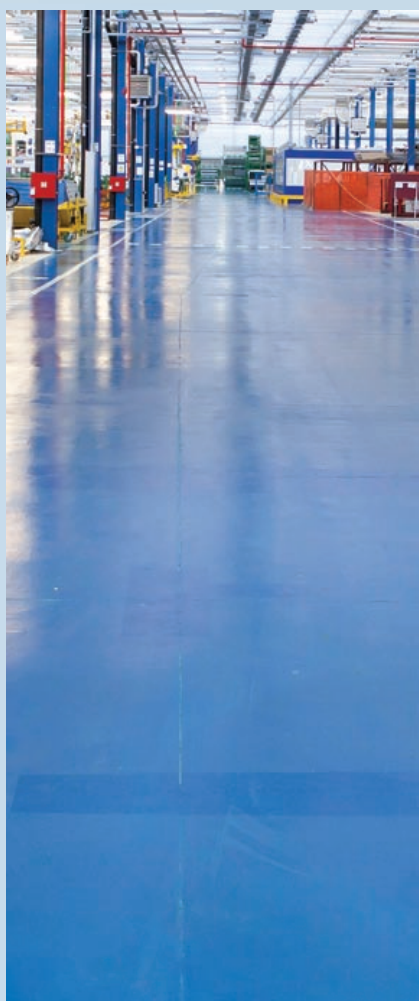
1 Static Mixer



See page 16 for more helpful accessories.

Protective Coatings

Abatron's coatings excel in adhesion, chemical resistance, abrasion resistance, and durability. Selections range from waterborne, solvent-borne, and solvent free coatings for floors, driveways, pools, walls, machinery, and a variety of special needs.



Coatings Selection Guide

PRODUCT	IM	CR	WB	P/S	UV	CLR	GR	SF	SR	AR	G	CT	T/D	E	LO
Primkote G			•	•		•					•				•
Primkote 8006-1				•		•									
Abocoat 8106-5			•												•
Abocast 8508-3	•	•						•		•				•	
Abocoat 8508-1	•	•												•	
Abocoat 8006-3	•	•				•									
Abocoat 8501-1	•	•												•	
Abothane 8003-3						•			•						
Abothane 8901-4					•	•	•			•				•	
Aboglass						•							•		•
Acrylic 57-1			•			•									•
Water-Epoxy Floor Coating System			•					•							•
Garage Floor Coating System: Chip								•		•					
Garage Floor Coating System: Grit		•			•			•	•	•				•	•
Kromakote 8601-1		•								•		•		•	
Abocrete	•				•			•		•				•	•
Abotar 8101-8					•									•	
Tread Spread									•					•	•

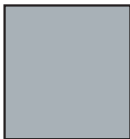



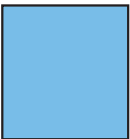




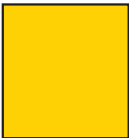


IM: Industrial Maintenance
CR: Chemical Resistance, High
WB: Waterborne
P/S: Primer/Sealer
UV: UV Resistance, High

CLR: Clear
GR: Graffiti Resistance
SF: Seamless Floors
SR: Slip Resistance, High
AR: Abrasion Resistance, High

G: For Green Concrete
CT: Ceramic Tile Finish
T/D: Tabletop/Decoupage
E: Exterior
LO: Low Odor

Standard Colors

The following are standard colors for coatings. The color shades shown are as close as allowed by printing and formulation variables. Custom colors to match customers' samples are available for an appropriate surcharge.

					
Light Gray	White	Light Beige	Brick Red	Light Blue	Navy Blue
					
Dark Gray	Black	Dark Brown	Safety Yellow	Dark Blue	Sage Green

Water-Epoxy Floor Coating System for Installations Requiring Low Odor Combines Beauty, Durability, Slip Resistance, Ease of Application, and Water Resistance

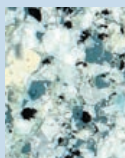
This high gloss system is ideal for high traffic walking surfaces, hospitals, playrooms, utility rooms, and basements. Easy maintenance. Low odor during application. Recommended for indoor use. The system includes a colored base coat, vinyl color chips, and a clear acrylic topcoat. Pull-off strength 298 Psi (2.05 Mpa). Hardens in approximately 2 hours. Both standard and custom color options available.

Packaging:

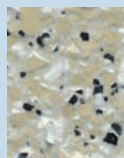
- 2 Gallon Kit with 10 lb. Vinyl Chips (Coverage: 430 sq. ft. x 4 mils)
- 10 Gallon Kit with 40 lb. Vinyl Chips (Coverage: 1,700 sq. ft. x 4 mils)



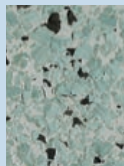
Beach



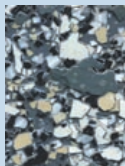
Glacier



Bone



Winter Sky



Salt n' Pepper



Night

Primkote G

Waterborne Epoxy Primer for Green Concrete

Cure, seal, and prime fresh concrete in one easy step. It eliminates the costly step of mechanically preparing a new concrete surface prior to coating. It is also an all-purpose concrete primer. Provides excellent adhesion between the concrete and topcoat. Although it can be used undiluted, it is usually diluted by volume in the ratio of 3 parts Primkote G to 2 parts water. Tack-free in about 1 hour. Pull-off strength: 1,250 Psi. Apply with a brush, roller, or spray gun. Coverage per gallon is approximately 300 sq. ft.

Colors: Gray or Clear

Packaging: • 3 Quart Kit • 3 Gallon Kit

Abocoat 8106-5™

High Gloss, Waterborne Enamel

Recommended for coating damp floors and walls, hard freshly poured concrete, and many painted surfaces. Preferred for applications requiring low vapor emission and low fire hazard during application, such as schools, restaurants, and enclosed areas. Thin with water. Available in standard and custom colors. Covers 345 sq. ft. at 3 mil thickness per gallon. Apply with a brush, spray gun, or paint roller.

Packaging: • 5 Quart Kit • 5 Gallon Kit

Acrylic 57-1™

Clear, Waterborne Acrylic Coating

Recommended for floors, cabinets, trim, and metal and plastic elements. As it has a very low odor and low VOCs, it is an excellent choice for use in indoor and enclosed spaces such as basements, schools, hospitals, and restaurants. This product has a non-yellowing high gloss finish with exceptional mar resistance. Although it works well on its own, it also makes an excellent topcoat for other coatings. Pull off strength: 330 Psi (2.3 Mpa). Tack-free time 5-10 minutes. Pencil Hardness HB. Abrasive Resistance 0.101g (CS 17 Load 1000/Cycles 1000). Easily applied by brushing, rolling, or spraying. Thin with water as needed.

Coverage: 500 sq. ft. per gallon appx.

Packaging: • 1 Quart • 1 Gallon • 5 Gallons

Primkote 8006-1™

Universal Clear Primer and Sealer

This heavy-duty versatile primer is water and weather resistant and fast drying. Use on both dry and damp surfaces. It excels as a primer for concrete, metal, and wood. Penetrates weathered wood and seals concrete. Works well as a tie-coat between epoxy surfaces. Apply with a brush, spray gun, or paint roller. Hardens in about 1 hour.

Coverage: 320 sq. ft. x 1 mil per gallon

Packaging: • 2 Pint Kit • 2 Quart Kit • 2 Gallon Kit • 10 Gallon Kit

Abocoat 8006-3™

All-Purpose Clear Epoxy Coating

Heavy-duty protection for concrete, wood, and metal surfaces including floors and furniture. Recommended to prevent corrosion and wear. High gloss. Great versatility, superior adhesion, flexibility, hardness, and salt and chemical resistance. Inhibits rust. Often used in laboratories, commercial kitchens, and hospitals. Mix with sand and grit to build slip-resistant surfaces. High solids. Apply with a brush, spray gun, or paint roller. Hardens in about 3 hours.

Coverage: 250 sq. ft. x 3 mil per gallon

Packaging: • 2 Quart Kit • 2 Gallon Kit • 10 Gallon Kit

Abocoat 8508-1™

Heavy-duty Epoxy Paint

Prevents rust, wear, and corrosion on concrete, wood, metal, and composite surfaces. Excellent for wear-resistance in heavy-traffic areas. Provides a protective or decorative coating in industrial, construction, marine, and other environments. Apply to damp surfaces with excellent adhesion and film integrity. Corrosion inhibitor. Protects against water, salt, fuels, and chemicals. It also acts as a primer or color base for polyurethane and other coatings. High solids. Apply with brush, roller, or spray gun. Hardens in about 1 to 2 hours.

Coverage: 340 sq. ft. x 3 mil per gallon

Available in standard and custom colors

Packaging: • 2 Quart Kit • 2 Gallon Kit • 10 Gallon Kit

Abocoat 8508-3™

Self-Leveling Epoxy Coating and Resurfacer

Offers heavy-duty protection and rebuilding of smooth, spalled, cracked, or pitted floors. Use on concrete, wood, metal, and composite surfaces. Contains no water or solvents. Ideal for seamless floors in heavy traffic areas. Apply in any thickness. Fill in and level damaged areas with this product on its own or mixed with aggregate. Offers excellent chemical and salt resistance. Prime with Primkote 8006-1. Apply with a brush, roller, or squeegee. Hardens in about 1 to 2 hours.

Coverage: 160 sq. ft. x 10 mil per gallon

Available in standard and custom colors

Packaging: • 4 Quart Kit • 4 Gallon Kit • 12 Gallon Kit



Abocoat 8501-1™

Highly Chemical Resistant Epoxy Coating

Recommended for use where exceptionally high resistance to acids, alkalis, solvents, fuels, greases, and salts is required. Also resists radiation. An excellent choice for coating concrete, metal, ceramic, masonry, glass, and other surfaces. Uses include storage tank linings, effluent troughs, industrial floors, marine equipment, and machinery. High solids. Apply with a brush, spray gun, or paint roller. Hardens in 1-2 hours.

Coverage: 320 sq. ft. x 4 mil per gallon

Available in standard and custom colors

Packaging: • 1.2 Gallon Kit • 4.6 Gallon Kit
• 11.4 Gallon Kit

Abothane 8003-3™

Clear Slip Resistant Urethane Coating for Floors

Protects wood, concrete, and seamless floors anywhere a clear, tough coating is required. High gloss. Abothane 8003-3 is designed for high flexibility and abrasion, chemical, and corrosion resistance with high wear and slip resistant properties. Practically colorless, it looks great on most floors. Requires no waxing. Perfect consistency for sealing porous surfaces. Apply with a brush or roller. Hardens in about 3 hours. Two or more coats recommended. Slip resistance: ASTM D 1894: 3.5.

Coverage: 210 sq. ft. x 3 mil per gallon

Packaging: • 1 Quart • 1 Gallon • 5 Gallons

Abothane 8901-4™

UV and Graffiti Resistant Clear Polyurethane Coating

Protects against damage from graffiti coated surfaces. Can be easily cleaned with detergent or water alone. Excellent adhesion, gloss retention, and resistance to yellowing even in harsh, industrial atmospheres. Use on concrete, wood, metal, and many plastics, such as decks, indoor and outdoor furniture, boats, sports and playground equipment, tanks, plant equipment, concrete mixers, boxcars, and construction and farm equipment. Apply with a brush, spray gun, or paint roller. Hardens in 1 to 2 hours.

Coverage: 320 sq. ft. x 3 mil per gallon

Packaging: • 4 Quart Kit • 4 Gallon Kit • 20 Gallon Kit

Protective Coatings Continued

Kromakote 8601-1 Preparation and Application

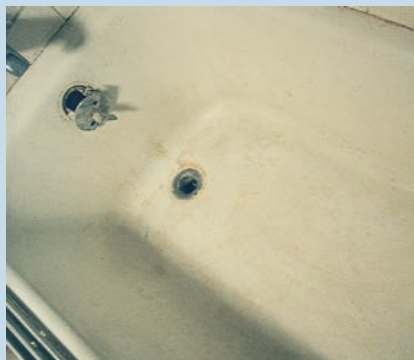
Surface Preparation:

Surfaces must be thoroughly cleaned for successful adhesion. All dust, grease, and debris should be removed. Sandblasting or acid etching is recommended where practical. Damaged areas should be patched and sanded.

Application:

Apply with spray gun, paint roller, or brush. No primer is required for dry surfaces. Two or more coats are recommended, depending upon the coating thickness and protection desired.

Detailed instructions accompany the product.



Before



After

Kromakote 8601-1 Ceramic-like Epoxy Enamel

Outstanding for wear resistance, hardness, gloss, color retention, adhesion, permanence, and durability. Protects against exposure to water, salt, weather, fuels, oils, alkalis, detergents, solvents, and diluted acids. Use on bath tubs, tiles, sinks, tanks, masonry, and more. Stands up to harsh environments and atmospheric conditions. Resists salt spray in marine applications. Apply with brush or spray gun.

Three coats are recommended for porcelain refinishing. Standard base for subsequent clear coats. Requires no primer. Pencil hardness: 2H. Hardens in 2-12 hours.

Color: White. Custom colors available for surcharge.

Coverage: 200 sq. ft. x 4 mil per gallon

Packaging: • 1 Quart Kit • 5 Quart Kit • 5 Gallon Kit • 10 Gallon Kit

Etching Cream

This etching cream can be used on porcelain to etch the surface in preparation for painting. The product works in minutes to produce desired results. Hazardous. Contains hydrofluoric acid.

Packaging: 22 Fl. Oz.

Abotar 8101-8 Fill, Patch, and Resurface Asphalt Surfaces

This tar-epoxy provides controllable flexibility that is desirable where a first, soft layer is followed by harder layers. Use on ship decks, runways, parking garages, commercial and industrial floors, driveways, sidewalks, and roofs. Weather and waterproof. Resists acids, alkalis, and fuels. Sand or other aggregate can be added to expand the volume and enhance the coefficient of thermal expansion (important when patching large areas). Apply with a brush or roller. Hardens in 1-16 hours. Hardness, Shore D: 30-75 depending on ratios.

Color: Black

Coverage: 100 sq. ft. x 10 mil per gallon appx.

Packaging: • 2 Quart Kit • 2 Gallon Kit • 10 Gallon Kit

Aboglass™ High Build Bar Top Coating

The results of applying Aboglass to wood grain are stunning. This high gloss epoxy coating enhances the natural beauty of wood and gives it a deeper, dimensional appearance with exceptional clarity. It also protects wood from spills, contaminants, and abrasion. Apply up to two inches thick. Use on tables, bar tops, boats, vanities, and more. Great for decoupage and encapsulating embedments. Contains no water or solvents. Pencil scratch hardness: HB. Hardness Shore D: 77.

Coverage: 16 sq. ft. x 100 mil per gallon

Packaging: • 2 Pint Kit • 2 Quart Kit • 2 Gallon Kit

Acrylic Basement Waterproof Coating: Seals Seeping Foundations Permanently

This tough, flexible coating permanently waterproofs poured concrete and concrete block. Can also be used on clay tile, stucco, and wood. Resists hydrostatic pressure. Its high alkali resistance allows use over green concrete. Mix with silica sand to repair stucco, walls, and foundations. No special tools required. Brush, roll, or spray onto the surface. Easy water clean-up. Very low odor. Tint with universal colorants if desired. Two coats recommended for rough surfaces and mortar joints.

Color: Ivory

Coverage: 100 sq. ft. per gallon appx.

Packaging: • 1 Gallon • 5 Gallons



Tread Spread™ Provides Slip Resistance Where Safety is a Concern

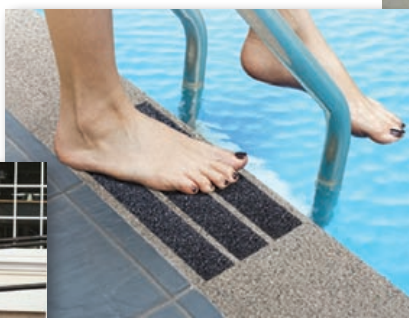
This epoxy system exceeds OSHA and ADA recommendations for slip resistance in both wet and dry conditions. Ensures that loading bays, steps, ramps, entrances, and other industrial and commercial surfaces are safe. Also great for use in pools, locker rooms, boats, and other applications where slip resistance is needed. Can be immersed continuously in water. Apply with trowel. Use a stencil or tape to apply in desired shape and pattern.

Colors: Safety Yellow, Slate Gray, or Pool Blue

Coverage: 24 sq. ft. x 1/16 inch thick per gallon

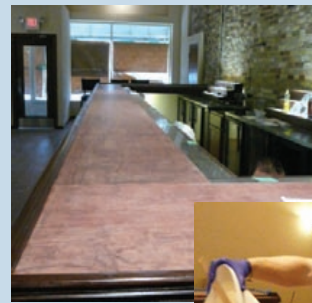
Packaging:

- 2 Pint Kit
- 2 Quart Kit
- 2 Gallon Kit



See instructional video at
www.abatron.com/videos

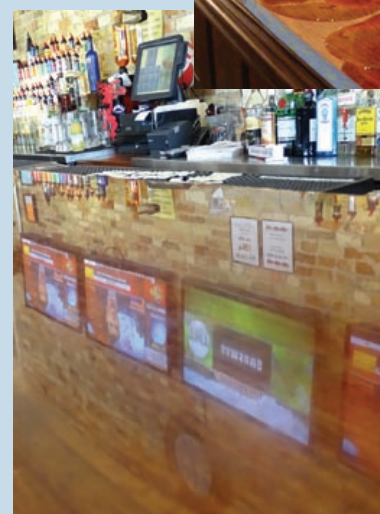
Aboglass Preparation and Application



Before



During
application



4 years later. Looks good-as-new!

- 1 Wood surface should be clean and free of dirt and dust.
- 2 Slowly mix together equal volumes of resin and hardener.
- 3 Pour or brush **Aboglass** onto surface. Use spreader or brush to cover entire surface.
- 4 If surface bubbles appear use heat gun, blow torch or needle to eliminate.
- 5 Allow coating to harden at least 2 to 3 days before use.
- 6 Recoat, as desired, within 24 hours of hardening.
- 7 For maximum rigidity, heat cure, after hardening, for 1 hr. at 120°F.

Detailed instructions accompany the product.

Stone Care

Maintain the integrity and beauty of natural stone with properly formulated stone care products. We offer solutions to protect, restore, and enhance the brilliance of natural stone.



Stone Floor Cleaner Safely Clean Any Porous Stone Surface

Daily use cleaner for all stone floors that will not harm the stone's natural crystalline structure. PH balanced. Will not dull, etch, corrode or scratch the surface texture. Environmentally safe, non-toxic, and biodegradable. Leaves no residue and is safe for food handling. Slip resistant. Use indoors and outdoors. Apply with an automatic scrubber, pressure washer, or with a sponge mop. Colorless. Dilute with water.

Packaging: 1 Quart

Counter/Tabletop Cleaner Ready-to-use Stone Spray Cleaner

Use on tabletops, vanities, countertops, columns, and walls made of marble, granite, slate, terra cotta, limestone, terrazzo, agglomerates, and sanded grout. Streak and residue-free formula that penetrates and dissolves oil and grease without harming stone surfaces. Meant for daily use. No mixing required. Safe to use on food handling surfaces. Biodegradable and non-toxic.

Packaging: 1 Quart



Intensive Stone Cleaner Removes Heavy Surface Grime

Penetrates deep into grime, grease, oil, soap scum, carbon, soot, mildew, and more for easy removal. Excellent for removing stains and cleaning grout. Clean without harming the surface. Safe for use in food handling areas. Non-toxic and biodegradable. UL Classified for slip resistance. Dilute with water.

Packaging: 1 Quart

Stone Polish Polish and Enhance the Brilliant Colors of Natural Stone

Give stone surfaces a clean and beautiful appearance with minimal effort. Designed for polishing counters, walls, tabletops, and columns that are made of marble, granite, polished limestone, and polished agglomerates. (Not for use on floors). Prevents the stone from etching and burning from stains and spills such as alcoholic beverages, juices, and perfume. Helps prevent glass rings from forming. Repels water and allows the stone to release natural moisture vapors. Will not alter the crystalline structure of the stone. Safe for food handling surfaces. Polish by hand or machine.

Packaging: 1 Quart

Penetrating Sealer Protect Stone's Surface and Interior from Stains

Unique formula allows this product to penetrate through the surface and into the stone for maximum protection. Use on interior and exterior stone surfaces. Safe on food handling surfaces. Slip resistant. Prevents the growth of bacteria, mold, and mildew. Excellent grout release. Prevents adhesion and penetration of fluids, dirt, acid, and alkaline chemicals. Allows stone to breathe. Dilute with water.

Packaging: 1 Quart

Honing Powder Smooth Heavily Worn Marble and Terrazzo Surfaces

Unique blend of abrasive compounds effectively smooths rough, worn marble and terrazzo floors, vanities, tabletops, countertops, and walls. Eliminates heavy traffic patterns, surface scratches, heavy etches, abrasions, and deep glass rings. Removes crystallized coatings and overspray. Can be used by hand or machine. Powdered formula. Use with water. Commercial use only.

Packaging: 2 Pounds

Poultice Powder Stain Remover Reabsorbs Stubborn Stains That Cannot Be Removed with Liquid Cleaners

Each formula is designed to remove rust, oil, and other stains from marble, granite, slate, terra cotta, limestone, terrazzo, agglomerates, sanded grout, cement, and brick. These poultice powders safely remove deep stains from the interior of the stone. Dry method does not require scrubbing. Ready to use with water. Most surfaces retain original finish. All are non-toxic and biodegradable.

Packaging:

- Plain Poultice Powder: 1 Pint
- Rust Stain Remover: 1 Pint
- Oil Stain Remover: 1 Pint

ABR Waterless Fireplace Cleaner Peelable Coating Easily Removes Soot, Dirt, and Grime

Simply apply, let dry, and peel the dirt away. Use on interior and exterior brick, textured stone, concrete, marble, ceramic, terrazzo, slate, limestone, tile, and granite. Requires no water in its application or removal and will not smear. Very low odor.

Coverage: 50 to 75 sq. ft./gal.

Packaging: 1 Gallon





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Standard**

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