Related Products

Abosolv™: Solvent for LiquidWood. Use for thinning LiquidWood and cleaning up.

Abocure 7912-1™: Cold weather hardener for use with LiquidWood (A) that can be applied in sub-freezing weather with excellent results. When combined with LiquidWood (A), Abocure 7912-1 permits LiquidWood to harden overnight, even in subfreezing weather conditions. Recommended for exterior use only.

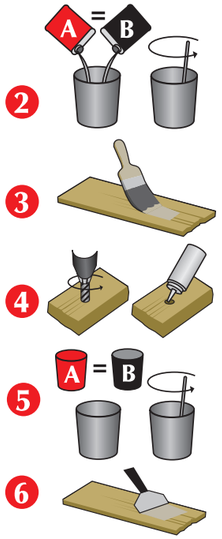
Abocure 8512-1™: Paste-like cold weather hardener for use with WoodEpox (A). It can be applied in sub-freezing weather with excellent results. When combined with WoodEpox (A), Abocure 8512-1 permits WoodEpox to harden without an external heat source. Recommended for exterior use only.

Pigments: A variety of pigments that can be blended into WoodEpox while mixing uniformly to match wood tones. One or more can be blended to create depth of color and varying tones. Pigments include (from left to right): Dark Brown, Brick Red, Dark Yellow and Black.

Clearstrip™: Environmentally friendly paint remover designed to remove multiple layers in one action. Will not mar normal wood patina. It is biodegradable, nonflammable and very low odor. Contains no caustic or methylene chloride. Can be used on most varieties of paints and varnishes.

For a complete description of ABATRON's products and accessories related to wood restoration visit the company's website below or call for a free catalog.

Follow These Simple Instructions:



1. Apply to clean and dry surface after removing contaminants, oil, grease, wax, old paint and debris.
2. Mix a volume of LiquidWood A with an equal volume of LiquidWood B for at least one minute with blade or paddle.
3. Apply LiquidWood mix to deteriorated wood by brushing, pouring or injecting.
4. For deeper penetration into wood, drill small holes through side grain and across end grain, and pour LiquidWood into holes. Repeat process until wood is saturated.
5. Mix thoroughly a volume of WoodEpox A with an equal volume of WoodEpox B.
6. Apply WoodEpox to wood primed with LiquidWood while LiquidWood is still "tacky" to fill cracks, holes and replace missing wood.
7. Sand, plane, shape, paint and stain restored wood as desired.

Manufactured by:
ABATRON
Kenosha, WI
A Division of U.C Coatings, LLC
800-445-1754
www.abatron.com

Made in the USA
ISO 9001 Registered

ABATRON

LiquidWood® and WoodEpox®

Wood Restoration System

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

To strengthen the wood, apply LiquidWood with a brush, or pour directly on the surface. LiquidWood penetrates and hardens.

3 Apply WoodEpox

To rebuild missing pieces of wood and fill cracks and holes, apply WoodEpox. When hard, it can be sanded, stained, painted, and nailed.

The Standard to Restore and Replace Wood

LiquidWood® Reinforces, rebuilds, and waterproofs wood by hardening after penetrating. Regenerates rotted window-sills, frames, structural and decorative parts, furniture, columns, boats, floors. Primer for WoodEpox.

WoodEpox® Structural adhesive putty. Most versatile, high-strength, no-shrink adhesive paste to fill, repair, and replace wood and other materials in structures, walls floors, furniture, sculptures. A standard in workshops, plants, buildings, museums, shipyards, and homes.

Specified by U.S Government agencies, architects and other professionals, LiquidWood and WoodEpox comprise the most complete and permanent Wood Restoration System available today. They give new life to rotted, severely damaged wood, and are oftentimes the only hope for wooden pieces that cannot be replaced due to size, shape, or artistic reasons. Repairs made with LiquidWood and WoodEpox are fully functional, permanent, and are often stronger and more durable than the original wood.

GREENGUARD GOLD

LiquidWood®

Deep penetrating wood consolidant that regenerates and waterproofs rotted, dried-out, or spongy wood. It restores structural strength and durability to wood fibers. With LiquidWood, a piece of deteriorated wood that could crumble under finger pressure can be impregnated and restored to a rigid, durable, water and weather resistant wood superior to the original. The hardened mass can be sawed, planed, routed, carved, drilled, nailed, sanded, glued, and painted. LiquidWood is also a primer for WoodEpox.

Uses: LiquidWood is ideal for regenerating and waterproofing rotted, dried-out or spongy window sills, thresholds, window and door frames, columns, stair steps, balustrades, floors, capitals, moldings, doors, shutters, indoor and outdoor furniture, archaeological and art restoration, boats, and millwork of all kinds.

Features & Benefits: LiquidWood has exceptional adhesion, structural strength, versatility, permanence, dimensional stability, and water resistance. LiquidWood A and B are easy to use, are 100% reactive compounds, and contain virtuallty no VOC's or noxious odors.

Technical Characteristics: LiquidWood consists of 2 clear, epoxy liquids: resin (A) and hardener (B). When A and B are mixed together in equal volumes, by simple stirring, a blend is formed with unique properties to impregnate and restore wood and other porous masses. Application: pour or brush on the wood where it penetrates the fibers and hardens into a water-resistant, distortion-free, high-strength mass in hours or minutes. 100% solids. 1/1 ratio. 30 minute pot life.

Both LiquidWood and WoodEpox are GREENGUARD Certified for indoor air quality.

		Kg/cm²	Mpa	Psi
Tensile Strength		103	10.1	1460
Compressive Strength		366	36	5210
Flexural Strength		63	6.2	900
Hardness Shore D	42			
Elongation	84%			

"I purchased your wood restoration kit this summer and used LiquidWood and WoodEpox in order to repair damaged windowsills that I thought were beyond repair. I had rotted, wet, spongy windows in multiple spots throughout my home. I was absolutely amazed at how well your wood restoration kit worked, and I'm especially astonished by the properties of WoodEpox."

P.S., Homeowner
Fayetteville, North Carolina

WoodEpox®

Shrink-free adhesive putty **wood replacement compound** that can be used in any thickness in structural and decorative applications to replace, repair, extend, or fill wood and other materials.

Uses: WoodEpox is ideal for repairing, replacing, or adding to wood and most rigid surfaces, as well as to dried out, rotted or spongy wood consolidated with LiquidWood. Use on windowsills, thresholds, window and door frames, columns, stair steps, balustrades, floors, capitals, moldings, doors, shutters, indoor and outdoor furniture, statues, archaeological and art restoration.

Features & Benefits: WoodEpox bonds permanently with high strength to most surfaces. It fills cracks, holes, and voids of any size without the shrinking and crumbling of common wood fillers. It can replace or add missing or new sections in window frames and sills, furniture, sculptures, structural and decorative components, indoors and outdoors. Because of its strength and durability, it is a truly permanent solution where alternatives will fail.

WoodEpox succeeds because it can be painted, stained, wood-grained, sawed, nailed, planed, sanded, carved, and machined like wood. It can be cast into shapes and sculpted by hand before hardening and also carved after hardening. It bonds equally well to ceramics, concrete, metal, glass, fiberglass, and most rigid surfaces and contains virtually no VOC's or noxious odors. It has a light, neutral color that can be changed, while mixing, with pigments. Its no-slump paste consistency allows it to be applied like a putty to fill gaps, holes, or to build-up virtually any thickness and shape.

Technical Characteristics: WoodEpox is a light-weight epoxy adhesive system consisting of 2 components: resin paste (A) and hardener paste (B). When A and B are mixed in equal volumes, the blend hardens within 1-2 hours into a light-weight, non-shrinking, tough adhesive mass with high dimensional stability, chemical, water, heat and weather resistance. 100% solids. 1/1 ratio. 20 minute pot life.

		Kg/cm²	Mpa	Psi
Tensile Strength		126	12.3	1790
Compressive Strength		179.3	15.9-19.3	2300-2800
Hardness Shore D	53-55			
Elongation	4%			

LiquidWood and WoodEpox are ideal for log home repair and restoration