



Product Specifications

Product Names: ABR® Glass De-Etcher
X-19 Glass Cleaner & Restorer

Manufacturer: American Building Restoration Products, Inc.



PRODUCT DESCRIPTION: ABR® Glass De-Etcher is a polishing compound that removes hydrofluoric acid burn stains from glass. X-19 Glass Cleaner & Restorer is recommended for use on glass surfaces that will not come clean with routine washing. X-19 Glass Cleaner & Restorer is an acidic blend of wetting agents and detergents especially formulated to restore glass surfaces. ABR® Glass De-Etcher and X-19 Glass Cleaner & Restorer remove hard water marks, stains caused by run-off from unsealed masonry, airborne pollution and acid rain haze that causes oxidation to glass.

LIMITATIONS: Mirrored finishes applied on the outside of glass should not be cleaned with X-19 Glass Cleaner & Restorer or ABR® Glass De-Etcher. ABR® Glass De-Etcher and X-19 Glass Cleaner & Restorer are not intended for frequent maintenance use. Repeated usage will be harmful to glass surfaces.

PRECAUTIONS: Read the entire material safety data sheet and product label for a more thorough evaluation of hazards. Fully protect all adjacent surfaces, including aluminum when using X-19 Glass Cleaner & Restorer. Shrubbery which cannot be readily covered should be sprayed with water before X-19 Glass Cleaner & Restorer is applied and again afterward.

TECHNICAL DATA: ABR® Glass De-Etcher Color/Form: Pink paste. X-19 Glass Cleaner & Restorer Color/Form: Clear liquid. pH: 3.0.

COVERAGE: ABR® Glass De-Etcher: Approximately 500-800 sq. ft. per pint varying with the texture of the glass surface. X-19 Glass Cleaner & Restorer: Approximately 250-400 sq. ft. per gallon when used full strength.

PACKAGING: ABR® Glass De-Etcher: pint, one and five gallon containers. X-19 Glass Cleaner & Restorer: One, five and fifty-five gallon containers.

INSTALLATION: A test area of any ABRP, Inc. glass product should be performed prior to beginning overall project to determine precise procedures necessary. User shall determine the suitability of the product for its intended use and assumes all risk and liability whatsoever in connection therewith.

X-19 GLASS CLEANER & RESTORER: 1. Severe scum or stains may require using X-19 Glass Cleaner & Restorer full strength. In most cases a solution of 1 part of X-19 Glass Cleaner & Restorer to 3 parts water will produce excellent results. 2. Pre-wet the glass area to be cleaned. 3. Apply X-19 Glass Cleaner & Restorer with an applicator brush or poly tank hand pump sprayer. 4. Allow X-19 Glass Cleaner & Restorer to remain on glass area 1-2 minutes or longer if necessary. 5. Rinse thoroughly with water. 6. Squeegee glass or dry with a clean cloth.

ABR® GLASS DE-ETCHER: 1. Apply ABR® Glass De-Etcher to glass using a dampened buffing pad on an electric buffer at 1500 to 1700 RPM in a circular motion—KEEP WET WHILE WORKING. 2. Continue buffing until ABR® Glass De-Etcher becomes dry and disappears. Re-dampen glass and/or buffing pad with water and polish. Repeat process if necessary. **NOTE:** Do not attempt to do this process by hand. Proper results will not be obtained.

AVAILABILITY: Available through a network of distributors, dealers and representatives established in principal cities across the United States, Canada and Japan.

NOTICE: The information and recommendations made herein are based on ABRP, Inc., research and the research of others, and are believed to be accurate. However, no guarantee of their accuracy is made because ABRP, Inc., cannot anticipate every possible application of ABRP, Inc., products, nor anticipate every variation encountered in project surfaces, job conditions, and methods used. For this reason, purchasers shall make their own tests to determine the suitability of such products for a particular purpose. Purchasers assume all risk of use, application and handling of products. Statements concerning the possible use of ABRP, Inc., products are not intended as recommendation to use ABRP, Inc., products in the infringement of any patent.

LIMITED WARRANTY: This warranty is valid for one year from the date of product purchase. Purchaser's claims recovery is limited solely to the following warranty from ABRP, Inc., if the product herein is shown to be defective: ABRP, Inc., at its option, will either replace the product or refund the purchase price. Contact ABRP, Inc., to make claim under this warranty. The purchaser must have proof of purchase from the label and the original sales receipt. Proper surface preparation is essential to the product's performance and is a necessary prerequisite for triggering ABRP, Inc.'s obligation under this warranty. Read and follow label directions and observe all safety precautions in the use of this product. ABRP, Inc., further disclaims, and shall not be liable for, incidental, consequential or indirect damage and/or personal injuries including death arising from the use of this product or the cost of labor involved in its application or any reapplication of product that is replaced. SELLER MAKES NO WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE USE OF THIS PRODUCT OTHER THAN INDICATED ON THE LABEL. BUYER ASSUMES ALL RISK OF USE AND/OR HANDLING OF THIS MATERIAL WHEN SUCH USE AND/OR HANDLING IS CONTRARY TO LABEL INSTRUCTIONS. NO OTHER WARRANTIES ARE MADE, EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION WARRANTIES AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IN ALL EVENTS, ABRP, INC.'S LIABILITY SHALL BE LIMITED SOLELY TO REPLACEMENT OF THE PRODUCT PROVIDED ABOVE. This limited warranty may not be modified or extended by manufacturer's representatives, distributors or dealers of ABRP, Inc., products. This warranty gives the purchaser specific legal rights, as well as rights which may vary from state to state. ABRP, Inc. specifically disclaims any and all other obligations or liability to any party relative to the sale, use or application of its products.

TECHNICAL SERVICES: ABRP, Inc., employs in-field technical representatives to answer questions for architects, building owners and contractors.

REFERENCING: Catalog, product specifications, brochures, list of national registered historical landmarks restored with ABRP, Inc., products and video training tapes demonstrating a variety of cleaning and restoration projects being performed with ABRP, Inc. products are available upon request. For more information on many of the specialty building restoration products available to you, please see our website at www.abrp.com or e-mail ABRP, Inc. at abrp@abrp.com.

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