

FOX FIRE

CLEANERS + SEALERS + CORROSION CONTROL

RESTORATION DETERGENT

- Water-based Non-Hydrofluoric acid detergent mixture
- Removes Excess Mortar and New-Construction Contaminants
- For use on Concrete, Masonry, Mortar and Tile
- Removes biological stains, metal-mineral oxide stains, dirt, excess mortar and smears
- VOC compliant. Less than 1.0% volatile organic compounds.
- Safe, easy-to-use for restoration of historic buildings and public areas

DESCRIPTION: Foxfire Restoration Detergent is a VOC compliant safe non-hydrofluoric acid detergent designed to remove biological stains and metal and mineral oxide stains from a wide variety of surfaces. It is safe for the restoration of historic buildings as well as public buildings in environments where safety and low odor is demanded. The water-based surfactants will also dissolve biological stains, dirt, excess mortar and smears leaving a clean and uniform surface with no acid burn or streaking.

It is recommended for use on concrete, brick, limestone, precast, sandstone, exposed aggregate, granite, unpolished marble, synthetic stone, terrazzo, anodized aluminum, EIFS, uncoated stainless steel, and roofs. It is safe on glass when used correctly.

LIMITATIONS: Always perform test pattern prior to use on surface.

Detergent is a surface cleaner and is not designed to penetrate deep into surfaces.

Will etch glass. Protect and rinse all glass surfaces.

Do not allow solution to dry on surfaces.

Multiple applications may lighten mortar. May not be suitable for cleaning buff colored brick, stone, or tile with metallic additives. Do not use on polished marble, glazed surfaces, copper, brass, or bronze.

PRECAUTIONS: Always test, in an inconspicuous area, to determine the suitability of the product for the intended use. Read entire label, product data and Material Safety Data Sheet before using.

Do not allow to dry on surfaces.

Product contains hydrochloric acid.

For dilution, ALWAYS pour cold water into bucket first and then carefully add concentrated cleaner. Use adequate ventilation. Avoid breathing of vapor or spray mist. Precautions must be taken to avoid exposing building occupants to fumes above

permissible exposure limits. Keep container closed when not in use. Face shields and goggles, gloves and appropriate clothing should be worn to minimize skin contact. Use respiratory protection in accordance with OSHA Standards and local codes. Refer to Safety Data Sheet for safe handling. Will etch glass. Protect and rinse all glass surfaces.

PREPARATION: Fully protect all adjacent and surrounding surfaces,

foliage, vegetation, surrounding buildings, polished marble, copper, brass, bronze, metal, glass and painted surfaces during the cleaning process. Cover landscaping and continuously wet foliage with water before and during the cleaning process. Divert traffic or block area if needed. Product should be applied when surface and air temperatures are 40° F or above. If freezing has occurred, allow the masonry to thaw completely before application.

Caulking and sealants should be in place and cured prior to cleaning. Use on new brick or tile surfaces 7-28 days after installation for best results. Mortar or grout smears left longer than one month are difficult to clean.

APPLICATION:

Scrape off tough mortar buildup without harming the masonry. Pre-wet the surface area with water before application. Apply liberally with low-pressure (25-50 psi) acid resistant sprayer or masonry washing brush. Brushing may not be necessary. Allow the detergent to remain on the surface for 5-15 minutes without drying. **DO NOT ALLOW SOLUTION TO DRY ON THE SURFACE.** Re-apply as needed. Thoroughly rinse the area with high pressure water (1000-3000 psi, 4-5 gals per min) for best results. Use lower pressure rinse when working with sensitive substrates. Repeat application process as needed.

SPILLS and DISPOSAL: Large: Dike and contain. Small: Soak up with an absorbent and place in approved container for disposal. Check

local, state, and federal regulations for waste disposal. Maintain adequate ventilation to maintain PEL.

CLEAN UP: Clean tools, equipment with water. Water flush all primary surfaces, shrubbery, sidewalks, blacktop, asphalt, glass, equipment and all adjacent surfaces. Dispose of empty containers according to federal, state and local guidelines.

COVERAGE: 50-300 sq. ft. per gallon. Coverage rates vary depending on surface texture, porosity and stain severity. For dilution, ALWAYS pour cold water into bucket first and then carefully add concentrated cleaner.

Disclaimer/Warranties: Neither manufacturer nor seller have any knowledge or control concerning the purchaser's use of the product. No expressed warranty is made by manufacturer or seller with respect to the results of any use of the product or

container that the product comes in. No implied warranties including, but not limited to, an implied warranty of merchantability or an implied warranty of fitness for a particular purpose are made with respect to the product. User shall rely on his or her own information and tests to be determine suitability of the product for the intended use and user assumes all risk and liability resulting from use of the product. Neither manufacturer nor seller assume any liability for personal injury, loss or damage resulting from the use of the product. We do not suggest or guarantee that any hazards listed herein are the only ones which may exist. In event that the product shall prove defective, buyer's exclusive remedy shall be that the seller or manufacturer shall, upon written request of buyer, replace any quantity of the product which is proven to be defective or shall, at its option, refund the purchase price of the product upon return of the product. Manufacturer shall not be responsible for use of this product in a manner to infringe on any patent held by others.