

### DIEDRICH 808X BLACK ENCRUSTATION REMOVER – SUPER STRONG

#### 1. PRODUCT NAME:

DIEDRICH 808X BLACK ENCRUSTATION REMOVER –SUPER STRONG

#### 2. MANUFACTURER:

Diedrich Technologies Inc.  
A Division of Sandell Construction Solutions  
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#### 3. PRODUCT DESCRIPTION:

DIEDRICH 808X BLACK ENCRUSTATION REMOVER contains a strong alkaline base and should be followed by either 707N LIMESTONE NEUTRALIZER, 101 MASONRY RESTORER, 101G GRANITE CLEANER, or ENVIRESTORE 100 CLEANER and should be handled with care. Diedrich 808X will clean extremely heavily black carbon encrusted limestone surfaces, dirt and other atmospheric stains from most masonry surfaces. 808X will clean and restore the masonry to its original appearance without damaging or changing the natural beauty of the material. Diedrich 808X, 707N, 101, 101G and 960 contain no abrasives or ingredients which can be harmful or damaging to the natural appearance of the masonry. Masonry structures and surfaces that are very old and situated in high pollution areas often become blackened by extremely deep-set mildew and carbon stains. Standard acidic based cleaning formulations have little or no effect on many of these stains. 808X is superb for spot treatment of areas that have become heavily stained dirt collection areas such as horizontal surfaces, under window sills, eaves, etc., where weeplike or streaked carbon and mildew stains are most severe. 808X is highly recommended for heavily carboned Terra Cotta to meet preservations guidelines.

#### 4. SAFETY PRECAUTIONS/PERSONNEL:

All workers must wear protective clothing for complete body coverage: Use long-sleeved rubber or PVC suits, (shoulder length) rubber gloves and boots, safety glasses, face shields and protective headgear. Avoid contact with eyes and skin. Diedrich recommended skin barrier cream should also be used for additional protection. Protect vegetation, electrical, anodized aluminum, asphalt roofing, cars and all other adjacent items with proper precautions, plastic coverings and soaking with water. Will not damage regular glass. Special care should be taken to cover plants and shrubbery. Work in the shade. Avoid wind drift of chemicals over pedestrian and vehicular traffic. Divert traffic. KEEP OUT OF REACH OF CHILDREN AND ANIMALS. Glass (except glass treated with special coatings) does not need protective covering. Store and handle in polyethylene or rubber pails. Staging must be well maintained and equipped with steel cables. Use polypropylene safety lines/rope. Water soluble - biodegradable contains no phenols, benzenes, phosphates, cresols, formats or methylene chloride.

#### 5. TEST AREAS:

Before beginning the job, the effectiveness of the cleaning compound and the exact operational methods MUST BE TESTED. A test area should be selected and then treated with 808X followed by 707N on Indiana Limestone. In most cases diluted Diedrich 101, 101G or 100 should be used on sandstone, brick and terra cotta. Allow a 2 - 5 minute dwell time. A test of each type of masonry surface must always be done. The test area chosen must be indicative of stain and dirt conditions on the entire project.

#### 6. APPLICATION:

THE DIEDRICH 808X MUST NOT BE DILUTED. Diedrich 808X must be applied with the proper tools: a deep nap paint roller, a large soft bristled nylon brush, or a stainless steel spray applicator. Apply full strength heavy and thick to the dirty masonry surface. Do not brush out. Pressure wash rinse. (Then dilute 707N-1 part water to 1 part concentrate of after-rinse and apply to the previously washed and stained areas.) Allow a 15 - 30 minute dwell time. NOTE: Diedrich 808X can be used in conjunction with Diedrich 101, 101G or 100 for cleaning heavily carboned brick, terra cotta, tile, and natural sandstone. Typical problem areas under window sills, eaves, column capitals, ornamentation, gargoyles, etc. where carbon (black) encrustations are most severe can be cleaned with Diedrich 808X followed by either 707N (on Indiana Limestone), 101, 101G, or 100. If high pressure water equipment is unavailable or conditions prohibit its use, the 808X can be applied and following a 30 - 60 minute dwell time rinse thoroughly with fresh water via garden hose, stiff bristle brush, scrubbing pad or sponges.

#### 7. RINSE:

For best result, use only a pressure washer which can deliver 4 gallons of water per minute at 500 p.s.i. A 15°, 25°, or 40° fan-type spray tip is suggested. NOTE: A second wash down is needed with either 707N, 101, 101G or 100, whichever is appropriate, for complete surface restoration and neutralization of any latent traces of 808X which may leave a white powdery haze if not afterrinsed thoroughly.

#### 8. STEP BY STEP INSTRUCTIONS:

- Pre-soak a substantial area of the dry surface. Apply 808X. NOTE: In some cases, application to a non prewet, dry or very nearly dry surface may prove more effective.
- Allow 45 - 90 minute dwell time on an average, in some instances additional dwell time may be required. Lower temperatures will require a 2 - 4 hour dwell time, or overnight. Do not apply below 40°F.
- Rinse wash thoroughly with high pressure spray on entire surface area.
- IMPORTANT: Immediately after wash off apply DIEDRICH 707N LIMESTONE NEUTRALIZER in a 1 to 1 dilution. The 707N is necessary to neutralize any white residue and restore limestone surfaces to its original color and brightness. On brick, terra

cotta, tile surfaces and sandstone the 808X should be followed by the 101 MASONRY RESTORER, 101G GRANITE CLEANER, or ENVIRESTORE 100 at the dilution rate indicated by a test sample. The Diedrich 808X penetrates deeply into the masonry surface and failure to completely remove it will result in an unsightly white residue. Application of 707N, 101, 101G or 100 insures complete removal of the 808X.

#### 8. COVERAGE:

Approximately 50 - 100 sq. ft. per gallon of full strength material and will vary with porosity and surface texture of the masonry.

#### 9. AVAILABILITY:

Diedrich products are available through a network of over 2000 distributors and 2100 contractors located throughout the United States, Canada, Mexico and Europe.

#### 10. WARRANTY:

ALWAYS USE A TEST SAMPLE TO DETERMINE DESIRED RESULTS. PRODUCT FREEZES BELOW 32°F, AND MAY BE ADVERSELY AFFECTED BY COLD WEATHER. DIEDRICH TECHNOLOGIES INC., warrants that the product will conform to the description and specifications set forth on the product label and will be free from defects in material and workmanship. The exclusive remedy of the Buyer in the event that the product does not so conform shall be the replacement of the product. This warranty is expressly made in lieu of any and all other warranties, expressed or implied, including the warranties of merchantability and fitness, and Diedrich Technologies Inc. shall not be liable for any loss or damage, directly or indirectly, arising from the use of such merchandise or for consequential or incidental damages. While Diedrich Technologies Inc. believes that the data contained herein is accurate and the information is based on test and data believed to be reliable, it is the user's responsibility to determine the safety, toxicity and suitability for his own use of the product described herein. Since the actual use, by others, is beyond our control, no guarantee, expressed or implied, is made by Diedrich Technologies Inc. as to the effects of such use, the results to be obtained, or the safety and toxicity of the product referred to herein. Manufacturer shall not be responsible for any contamination, or related testing or removal costs resulting from use of this lead-free product on any material containing lead or toxic or environmentally hazardous substances. Nor is the information herein to be construed as absolutely complete since additional information may be necessary or desirable when particular conditions or circumstances exist or because of applicable laws or governmental regulations. All claims of any kind against manufacturer arising from or related to this product in any way shall be decided by binding arbitration in accordance with the Construction Industry Arbitration rules of the American Arbitration Association. Copyright © 1992 / Revised 09/2008

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