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808X BLACK ENCRUSTATION REMOVER — SUPER STRONG FORMULA

1. PRODUCT DATA

Date of Preparation: March 1, 2015

Product Name: 808X Black Encrustation Remover —
Super Strong Formula

Producer: Diedrich Technologies, A Hohmann & Barnard
Company, 310 Wayto Road, Schenectady, NY 12303

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*This product is manufactured for Commercial/Industrial
use. Not recommended for: Household use.*

2. 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. It 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 or where dirt collection is common
such as horizontal surfaces, under window sills, eaves, etc.,
preventing weeplike or streaked carbon and mildew stains.
808X is highly recommended for heavily carboned Terra Cotta
to meet preservations guidelines.

3. 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.

4. 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.***

5. APPLICATION

808X MUST NOT BE DILUTED. It 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

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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.

6. 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 after-rinsed thoroughly.

7. STEP BY STEP INSTRUCTIONS

1. 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.
2. 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.

3. Rinse wash thoroughly with high pressure spray on entire surface area.
4. **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.

WARRANTY: ALWAYS USE A TEST SAMPLE TO DETERMINE DESIRED RESULTS. PRODUCT FREEZES BELOW 32°F, AND MAY BE ADVERSELY AFFECTED BY COLD WEATHER.

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