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707N LIMESTONE NEUTRALIZER AFTER-RINSE

1. PRODUCT DATA

Date of Preparation: March 16, 2023

Product Name: 707N Limestone Neutralizer After-Rinse

Producer: Diedrich Technologies,
A Hohmann & Barnard Company,
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This product is manufactured for Commercial/Industrial use. Not recommended for: Household use.

2. PRODUCT DESCRIPTION

Diedrich 707N is a concentrated cleaning acid based compound for use after Diedrich 707X Limestone Cleaner Pre-Rinse, and 808X Black Encrustation Remover. It cleans and restores the dirtiest limestone to its original appearance. The Diedrich process was designed as a two-part cleaning system and both parts must be used in proper sequence to achieve complete restoration of the limestone surface. When used properly this cleaning system will remove heavy carbon, dirt and other atmospheric stains from most porous limestone surfaces. It removes the softened staining elements so that the limestone surface is completely restored to its original light grey appearance. Diedrich 707N, 707X and 808X contain no abrasives or ingredients which could be harmful or damaging to the natural appearance of the masonry. Diedrich 707N can also be used for neutralization of interior wood, plaster, concrete and metal, etc., after being stripped with Diedrich alkaline-based paint remover such as 606, and 606X. Diedrich 707N contains no harmful hydrochloric, muriatic or hydrofluoric acid.

3. PRECAUTIONS

Diedrich 707N Limestone Neutralizer After-Rinse contains a strong acidic base, and should be handled with care. Workers should protect bare skin and eyes with rubber gloves, goggles, face shield and cover-all type chemical resistant suit. For additional protection apply Diedrich recommended skin barrier cream. Wood, metal and painted surfaces adjacent to work area should be protected from exposure to the 707N compound. Special care should be taken to cover plants and shrubbery. Be cautious of the wind drifting chemicals over the pedestrian and vehicular traffic. (Glass does not need protective covering).

4. TEST AREA:

A test should always be performed before overall cleaning operations to determine the effectiveness of the cleaning compound and the precise procedures necessary for most efficient cleaning. Make sure to clean areas with both cleaner (707X or 808X) and 707N Limestone Neutralizer. A test of each type of masonry surface must always be conducted. The test area chosen MUST be indicative of stain conditions on the entire project. When using 707N as a neutralizer after stripping with a Diedrich alkaline paint remover 606 and 606X, a test area MUST be done to insure the proper PH level is achieved. Failure to do so could result in failure of newly applied coatings or finishes.

5. APPLICATION:

Suggested dilution rates for 707N are as follows for individual products:

707X LIMESTONE CLEANER PRE-RINSE:

2 parts water to 1 part 707N.

808X BLACK ENCRUSTATION REMOVER:

2 parts water to 1 part 707N.

NEUTRALIZING AFTER STRIPPING WITH DIEDRICH 606 AND 606X:

Metal surfaces - 3 parts water to 1 part 707N.

Concrete, masonry, hard plaster -
2 parts water to 1 part 707N.

Soft porous plaster - 1 part water to 1 part 707N.

Wood - 707N full strength (possibly 2 applications,
as indicated by pH tests).

Stone neutralization: Following wash-off of 707X and 808x and before rinse water has evaporated, apply a liberal amount, saturating the surface with appropriately diluted 707N. (If surface has been allowed to dry out...a prewetting with water is necessary before the 707N application.) Allow a dwell time of 4 to 6 minutes to give the neutralizer time to work, then rinse with fresh water.

Note: If white appears within one week of rinsing and neutralizing, this indicates a non-thorough wash or neutralization, which thus requires an additional application of 707N Neutralizer.

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Neutralization after paint stripping:

- **Metal** - apply diluted 707N to either wet or dry surface, allow 4 to 6 minute dwell time, then rinse with fresh water.
- **Concrete, masonry and hard plaster** - apply diluted 707N to wet surface, allow 4 to 6 minute dwell time, then rinse with fresh water.
- **Soft porous plaster** - apply 707N to wet surface allow 4 to 6 dwell time, then rinse with fresh water.
- **Wood** - apply full strength 707N to dry surface, allow 1 hour dwell time, then rinse with fresh water.

Additional applications may be necessary as indicated by pH tests. Application methods are deep nap roller; soft fiber-type masonry washing brush; airless-type (low pressure) corrosive resistant sprayer or Diedrich Acid Express Pump.

6. RINSE:

Masonry: Application of rinse water should be with pressure washer fitted with a fan type tip for best results. It is important to rinse-off at the lowest treated area and work upward to top. Equipment providing 500 p.s.i. at 3 to 5 gallons per minute is recommended.

Wood: Application of rinse water pressure spray, garden hose or if water use must be limited or kept to a minimum, sponges and fresh water.

7. COVERAGE:

Approximately 200 sq. ft. per gallon of concentrated material.

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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