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333 OMEGASEAL WATER REPELLENT & GRAFFITI MANAGEMENT

1. PRODUCT DATA

Date of Preparation: March 1, 2015

Product Name: 333 Omegaseal Water Repellent
& Graffiti Management

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 OMEGASEAL 333 series of water repellents provides hydrophobic protection to masonry surfaces through the formation of a semi-permeable membrane. This flexible membrane remains intact through thermal movement of the masonry, and rejects water in the solid state. OMEGASEAL 333 creates a breathable layer that allows for moisture vapor transmission.

The unique blend of inorganic silicone polymers provides maximum resistance to destruction from ultraviolet light and acid rain. OMEGASEAL 333 series products can be applied to clay brick, concrete brick, precast & site-cast vertical and horizontal concrete, interlocking pavers, most natural stone, concrete block, hollow core split faced block, fluted block, and light weight block.

OMEGASEAL 333 is available in formulations that meet VOC requirements in California, New Jersey and New York. OMEGASEAL 333 products **ODORLESS SOLVENT CARRIERS** make them ideal for application to occupied buildings, such as apartment or condominium complexes, schools, hospitals or office buildings, etc.

Limitations: Do not apply to a wet, damp or dirty surface. Do not apply when rain is forecast within 24 hours. Do not apply to any polished masonry surface. OMEGASEAL 333 products are not suitable for below grade applications.

3. PRECAUTIONS:

A test application must be performed and approved before full scale cleaning can begin. Adjacent vegetation should be protected by covering to protect it in the event of overspray and/or excessive runoff. While OMEGASEAL 333 will not etch glass, it could damage other material and all non-masonry surfaces should be covered. Asphalt, coal tar based coating, asphalt floor tiles or shingles should be protected from contact with OMEGASEAL 333 products due to the petroleum distillate carrier. All tuckpointing, caulking and expansion joint sealing should be done before application of 333 OMEGASEAL products, and allowed to cure per manufacturer's instruction. **Latex paints will not bond to surfaces where 333 OMEGASEAL has been applied and only oil-based paints are acceptable.** Slight to moderate darkening of block. 333 OMEGASEAL can be applied over color-stained masonry.

4. TEST AREA:

Before beginning the job, it is recommended but not required to use a rilm tube to show moisture prior to any sealers being tried or tested. A test application of 333 must be conducted to determine the suitability and coverage. A test area must be conducted on each type of masonry or concrete and be indicative of the entire project.

5. APPLICATION:

OMEGASEAL 333 water repellents can be applied by spray, roller or brush; with low pressure (40-50 psi) spray being the preferred method. The best performance is obtained by saturation of the surface with little run down of the liquid. Certain highly absorbent masonry surfaces may require two treatments to resist strong wind driven rain. When applying two coats, allow 24 hours between applications. The use of rollers or brushes may result in some areas not receiving sufficient material to form an effective membrane. If it is necessary to apply OMEGASEAL 333 in this manner a crisscross or north/south and east/west method of application should be used. Use of pump-up sprayers is acceptable.

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OMEGASEAL 333 MAY BE SUCCESSFULLY APPLIED AT TEMPERATURES AS LOW AS 20°F. Most other water repellents require that the surface and ambient temperatures be at or above 40°F and rising. During application protect all non-masonry surfaces from contact with OMEGASEAL 333. Equipment containers and over spray may be cleaned with mineral spirits before the surface dries.

PRODUCT SELECTION:

333-E 10% - Horizontal Concrete, Interlocking Pavers, Concrete Block, Highly Porous Natural Stone, L & S Stone. Coverage is approximately 75-150 sq. ft. per gallon per application.

333-L 20% - Extremely Porous Block (Hollow Core Split Faced) With Or Without Integral Waterproofing.

Hollow Core Split Fluted Block & Heavy Duty Weight Block. Two applications should be applied to these surfaces.

Coverage for **333-L 20%** is approximately 50-100 sq. ft. per gallon per application. **2 COATS REQUIRED MINIMUM FOR WARRANTY CONSIDERATION.**

ANTI-GRAFFITI SYSTEM:

The OMEGASEAL 333 System functions very well for graffiti protection. The membrane protects against penetration of most common materials used by vandals. 1 or 2 full flood coats of for full repellency and to serve as an anti-graffitiant.

Water splash test surface for complete water beading. Any water absorption means the surface is not totally graffiti resistant.

When a protected surface has been attacked, either Diedrich 505 Paint Stripper or Diedrich 606 Paint Stripper, assisted by high pressure water, will remove the offensive markings. Multiple removals with the Diedrich 505 Stripper may be possible without reapplication. When the area begins to show signs of water absorption, it is appropriate to reapply the OMEGASEAL 333.

Graffiti that does not react to the Diedrich 505 Stripper, may be removed with Diedrich 606 Stripper. Diedrich 606 will remove the protective membrane provided by OMEGASEAL 333. This is particularly advantageous when removing markings from concrete block or any rough surface that may leave a graffiti "ghost" in the surface. As soon as the masonry is dry, a re-application of 333 is required.

The ability to apply the OMEGASEAL 333 System in cold weather makes this an ideal product for schools and other masonry structures in northern climates. **For instructions on removal of Magic Marker, contact Diedrich Technologies Inc. at 1-800-283-3888.**

WARRANTY: ALWAYS USE A TEST SAMPLE TO DETERMINE DESIRED RESULTS. PRODUCT FREEZES BELOW 32°F, AND MAY BE ADVERSELY AFFECTED BY COLD WEATHER. **A DOCUMENTED TEST SAMPLE IS REQUIRED FOR CONSIDERATION ON THIS WARRANTY.**

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. 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 other toxic or environmentally hazardous substances. 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. 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 © 2015**

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