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# **INSTALLATION INSTRUCTIONS FOR NOBLEBOND EXT PRIMER**

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## **1. PRODUCT DESCRIPTION**

NOBLEBOND EXT PRIMER is a penetrating aqueous acrylic polymer and film-forming sealer for use on porous concrete subfloors. NOBLEBOND EXT PRIMER is a one-coat, grey tinted, non-flammable emulsion that dries to a clear film that is alkali and water-resistant. NOBLEBOND EXT PRIMER contains MicroSept™ antimicrobial system for exceptional resistance to mold and bacteria. NOBLEBOND EXT PRIMER is effective up to 8.0 pounds per 1,000 sq. ft. per 24 hours of moisture vapor emission rates (MVER) per Calcium Chloride Test Method ASTM F1869, and up to 85% Relative Humidity per ASTM F2170. Subfloor pH must not exceed 11.0. Test procedures and subfloor preparations must conform to industry guidelines.

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## **2. SUBSTRATE PREPARATION**

The installation site must be acclimated with HVAC in operation. The floor and room temperature, as well as the NOBLEBOND EXT PRIMER, should be maintained between 65° and 95°F, and the humidity between 10% and 60%, for 48 hours prior to, during, and after the testing and installation. Patching of subfloor must follow all manufacturers' application and curing instructions prior to applying NOBLEBOND EXT PRIMER. Patch must be a good quality Portland cement material, not gypsum based.

**NOTE:** NOBLEBOND EXT PRIMER is not guaranteed or recommended for use where hydrostatic pressure exists, and must not be used on below-grade subfloors.

Before applying NOBLEBOND EXT PRIMER, the concrete subfloor must be completely free of dust and dirt, paint, oil, curing or release agents (either topically applied or admixed into the concrete before it is poured), sealers or adhesives, or anything that would prevent a proper bonding directly to the concrete. Excessively hard concrete surfaces may need to be sanded to achieve porosity. NOBLEBOND EXT PRIMER cannot be used if chemical or solvent cleaners or adhesive removers have been used. The concrete must also be tested for porosity by pouring approximately ¼ cup of water on the surface to observe absorption. If the water is not absorbed within 15 minutes, do not proceed with the installation. NOBLEBOND EXT PRIMER cannot serve as a moisture barrier if applied over non-porous substrates or over old adhesive residues. If old adhesive residue is present, it must be removed by sanding or bead-blasting to render the subfloor surface porous. A bond test must be performed to test for absorption by rolling NOBLEBOND EXT PRIMER over a 1-2 sq. ft. test area. After the minimum 4 hour drying period, use a putty knife to test the surface. If the NOBLEBOND EXT PRIMER can be scraped off, it has not penetrated sufficiently, and the subfloor requires further sanding or sandblasting.

**NOTE:** Due to the many additives being used in or on concrete slabs, it is critical that the bond test be performed. Some treatments will repel any sealer or adhesive. **DO NOT USE THIS PRODUCT** unless installation instructions are followed.

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## **3. PRIMER APPLICATION**

To help ensure proper adhesive bond for installations where a potential moisture vapor emission problem may exist, apply NOBLEBOND EXT PRIMER on porous concrete with a 3/8" nap roller as an even coat over the entire surface of the floor. Make certain to keep the application roller wet with material. Only one coat is required at an application rate of 315-360 sq. ft. per gallon (1,260-1,440 sq. ft./4 gallon pail). Allow NOBLEBOND EXT PRIMER to dry for a minimum of 4 hours, to the appearance of a clear film. To clean up while wet, use soapy water. Dry residues may require the use of a solvent remover. Containers must be kept tightly closed when not in use.

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## **4. CLEANING**

To clean up while wet, use soapy water. Dry residues may require the use of a solvent remover. Follow warnings on label.

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## **5. SPECIFIC DATA**

Precautions to be taken in handling and storing: Store inside at a temperature of 60°-100° F. Avoid excessive heat or cold. This product is not photochemically reactive as defined by California Rules 102 and 443. VOC content is below that established by California SCAQMD Rule 1168.

**DO NOT ALLOW PRODUCT TO FREEZE.** Dispose of in accordance with Federal, State and Local regulations.

**NOTE:** Any situation not specifically stated herein must be approved by Noble Company in writing.

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## **6. WARRANTY**

These suggestions and data are based on information Noble Company believes to be reliable. Users should verify by tests that NOBLEBOND EXT PRIMER, as well as these installation methods, are suitable with the products being used in their application. Since specific use, materials and handling cannot be controlled by Noble Company, warranty is limited to the replacement of defective Noble Company products. Noble Company disclaims any warranties of merchantability and fitness for purpose, verbal recommendations of its representatives and consequential damages.

