



ClearGuard™

CLEAR PROTECTIVE COATING

Description

ClearGuard is a clear satin protective coating for the long-lasting protection of most construction materials in high-humidity areas. It can be used for the protection of post-remediation surfaces or for those surfaces in moisture-prone or unconditioned areas. ClearGuard contains a leach-resistant micro biostat that extends the life of the coating film by protecting it from non public health fungi and odor causing bacteria*. Once cured, ClearGuard forms a durable and stain resistant clear satin finish that is water-resistant but breathable to prevent against both wet and dry rot. Additionally, ClearGuard's low VOC formula contributes 1 point via LEED IEQ Credit 4.2 (low-emitting paints & coatings) to any project. Since these materials are built into the molecular structure of the coating, they won't wash off or wear away. This protection lasts the useful life of the coating film.

Product Overview

ClearGuard is designed to be used on most surfaces in residential, commercial and institutional applications. It is used to protect most construction materials including treated and untreated lumber, OSB, particle board, masonry surfaces, concrete, brick, wallboard, composite construction materials and metals. Probable areas of use include crawlspaces, basements, attics and building envelopes. Surfaces within these areas include sheathing, trusses, framing, joists, plates, pillars, posts, beams and walls. ClearGuard is a clear drying coating designed to be used on all interior, unconditioned and exterior areas of a structure. It delivers long-term protection by penetrating surfaces, and bonding at a molecular level. Its proprietary resin technology produces a durable, abrasion and stain resistant, washable surface. In addition, ClearGuard forms a chemical and abrasion resistant surface while meeting ASTM D5590-00, D3273, D3274 and G-21 requirements for fungal resistance. It meets current LEED IEQ Credit 4.2 VOC requirements. ClearGuard is a unique technology that is water-based, formaldehyde free, safe & easy to use. For a general description of the typical chemical and physical properties refer to the Material Safety and Data Sheet.

Product Attributes

Based upon a durable non-VOC acrylic polymer for a long service life • Provides a hard, mar resistant finish that will reduce dirt pick up • Has excellent water resistance and will not blush once fully cured • Specially formulated with select EPA registered antimicrobial additives to provide long term protection against odor causing bacteria, mold and mildew on its surface* • Ideal for use in basements, crawl spaces, supports, poured concrete slabs/foundations or on those compatible surfaces where mold remediation has already occurred • Can be used over a variety of wood/steel surfaces such as treated and untreated wood, floor systems, ceiling joists, trusses, wall studs, supports and other wood/steel structural system • Easy to clean and highly resistant to staining caused by chemicals and petroleum products • Nonhazardous to apply and easy to use with most airless or powered spray equipment or by brush or roller • Can be used for industrial, commercial, residential, institutional applications.

***Treated Articles Exemption** - This product contains an EPA registered antimicrobial to protect the coating from non-public health fungi and odor-causing bacteria. No public health claims are being made.

Environmental & Safety Benefits

Nontoxic (aquatic & human) • No Suspected Endocrine Disruptors • No Heavy Metal Complexes • No Added Fragrances • Non-Corrosive • Non-Reactive • Water Base • VOC Compliant • Bio-based ingredients

Storage & Green Disposal

Product Storage: Store in original, tightly closed containers above (40° F) in a secure area inaccessible to children.

Product Disposal: Wastes resulting from the use of this product may be disposed of onsite. **Container Disposal:** Triple rinse (or equivalent). Offer for recycling or reconditioning. Contact your local recycling or reconditioning facility for instructions.

APPLICATION AND SAFETY PROTOCOL:

Do not dilute prior to use. Stir well. Apply only to clean, dry surfaces. Ensure that all surfaces are free of all wax, grease, oil, dirt, rust, mold and other surface contaminants. Do not apply to surfaces with greater than 20% moisture content or surfaces having a temperature of less than 40°F. Weathered wood substrates need to be sanded down to a sound surface. On painted surfaces, remove all flaking, loose or chalking material. Sand all glossy painted surfaces using 220-grit sandpaper to roughen the entire area.

Apply evenly to wooden surfaces at the rate of 160 ft/gal (unconditioned spaces) and up to 320 ft/gal (conditioned spaces within the building envelope) until a uniform film remains on the surface. Spraying or brushing will give the smoothest surfaces. For optimum performance maintain uniform recommended coverage. To assure the aesthetic appearance, apply product to a small test area prior to complete application. Not recommended for use on floors in high traffic areas.

SPRAY EQUIPMENT

ClearGuard can be applied with virtually any type of airless and/or electrostatic spray equipment on the market today. Reversible cleaning 0.013" to 0.017" spray tips are recommended for optimum application.

IMPORTANT

The surface to be coated with MaxGuard must be free of grease, oil and other soil to insure proper bonding. For best results and efficiency, clean surfaces with the "Enviroguard Structural Cleaning System" using both OxyPrep and Oxypar LR. Stain removal is not required for MaxGuard bonding, though badly discolored or uneven surfaces will benefit from the OxyPrep / Oxypar LR system. When applying MaxGuard proper personal protective equipment should be used. Necessary equipment and clothing are the same as would be used when applying other water based paints or coatings. Ensure that the application area is well ventilated during application to avoid build-up of aerosolized coating. Appropriate respiratory protection should be used when applied by spraying in non-ventilated areas. Use of a respirator with organic vapor cartridges is suggested if adequate ventilation can not be achieved. After application of ClearGuard coating continue to ventilate the area to ensure proper drying of the coating.

CLEAN-UP

Use fresh water to clean equipment before product dries. Dry product may be removed with undiluted Grease Gobbler, or with nonflammable chlorinated solvents.

LIMITATIONS

Do not store or apply below 40°F (4°C) or above 120°F (49°C). Protect from freezing until dry. This product does not protect users or others against bacteria, viruses, germs, or other disease organisms. It does not take the place of normal cleaning & disinfecting procedures. For use in interior and unconditioned spaces. This product is not a replacement for proper maintenance. It will not prevent or protect from cracking, settling or warping that is common to all construction.

APPLICATIONS ASSISTANCE

For additional information about ClearGuard, contact Enviroguard at 828-548-3900 or send an email to info@enviroguarddirect.com.

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