HellFire® ClearCoat

Product Description

HellFire® ClearCoat is a single component, proprietary, moisture cured, aromatic urethane. **HellFire® ClearCoat** has excellent chemical resistance and presents an attractive gloss. **HellFire® ClearCoat** offers the user easy installation and fast recoats coupled with excellent protection. **HellFire® ClearCoat** can be used in warehouses, garages, auto-service centers, utility rooms, "back of house" floors. **HellFire® ClearCoat** was formulated for extreme performance and protection under the worst of conditions.

Features and Benefits

Long Pot-Life
Single Component (no a&b to mix)
Excellent Chemical, Fuel & Solvent Resistance
Fast Cure & Recoats
Outstanding UV Resistance
Attractive Gloss Appearance

Recommended Applications

HellFire® ClearCoat is recommended for all new and existing interior concrete surfaces requiring a chem/wear resistant, waterproof and protective clear-coating. Interior surfaces: garages, warehouses, manufacturing floors, laboratories, chemical splash zones and vehicle-service centers. The primary use for this product is to provide a protective clear coating for users demanding a more esthetically pleasing and protective finish over our **HellFire® Concrete Coating.**

Technical Data

Solids: 62%
Pot-Life: 1-1.5 Hours(keep covered when not using)
VOC Level: 338 gms/liter
Recoat time: 2-3 Hours
Foot Traffic: 12 hours
Wheel Traffic: 72 hours
Film Thickness: 2-3.0 dft per coat

Solvent & Fuel Resistance: Excellent
Finish: gloss
Appearance: clear
Abrasion Resistance: Excellent
Concrete Adhesion: Excellent
Application temp: 40-90 deg f.

Coverage Rates

400 sq ft per gal coat 1
425 sq ft per gal coat 2

Shelf-Life

HellFire® ClearCoat has a one-year shelf life in an unopened container. Once opened and resealed the product may "weld" the lid closed if not cleaned properly before re-sealing.

Packaging

1.0 gallon unit

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Instructions for Use

PREP: Before application the receiving surface must be deemed structurally and mechanically sound, clean, and dry. Proper surface preparation is required for decorative concrete, thin film flooring systems or sealer/finish coatings. This is best achieved with mechanical sanding or acid etching following directions found on Legacy Industrial's website in "Downloads" www.legacyindustrial.co. We recommend the surface be porous. All receiving surfaces must be free of previous coatings, sealers, curing compounds, water repellants, laitance, efflorescence, oils, fats, grease, waxes, residues from cleaning compounds, non-visible soluble salts, and any other impediments to adhesion. Always check for potential bond breakers. One method entails pouring a slight amount of water on the concrete in random areas. If the water is absorbed into the concrete and leaves it wet, the substrate is porous and thus acceptable for coating. If water beads up, this indicates a bond breaker is still present or the concrete is too smooth and further surface preparation steps are necessary, such as additional mechanical sanding or grinding. The rising moisture vapor emission rate must not exceed 3 pounds per 1,000 square feet (3 lb/1,000 ft²) over a 24-hour period as measured by the calcium chloride test method, ASTM F 1869. The relative humidity in the slab must not exceed 80 percent. Steel or oxidized metal surfaces must be reasonably cleaned of scale and oil free prior to use.

MIXING: Mix this product using a clean, dry, working bucket. Stir VERY gently using a mechanical stirrer attached to a low speed cordless drill, avoiding over-mixing or creating a vortex that would introduce moisture. No induction time is required prior to use. Soft-Skid non-skid additive (recommended) can be used, mix in last coat of product. Re-mix product as needed during application. -**HUMIDITY MUST BE 60% OR GREATER FOR PROPER CURE-**

APPLICATION: Apply using roller. The roller must be an industrial grade, phenolic-resin core with a synthetic nap , ⅜ inch nap, 9" or 18" width. It should be dipped and rolled never dumped on the surface. This product is not recommended for flooring application using spray atomization. Follow all safety and personal protection advice, listed on the product can. SDS is available upon request. This product is best applied in thin coats. Never over-apply or apply too thick or you can expect fracturing, bubbling and/or failure. Additional thin coats are acceptable. **Recoats that fall within (6) hours of initial application:** Apply additional coats within 6 hours of the previous coat for best adhesion and without further prep. **Re-coats that fall outside the recoat window**: De-gloss coating with 220 grit screen or Black Abrasive Stripper Pad, wipe with denatured alcohol and apply coating.

WARNING: *It is recommended to always be adding this product after a fresh-coat of HellFire® Concrete Coating for best result.*

Clean-Up

Tools: Xylene or Acetone while coating is still wet. Skin: Immediately clean with soap and water. Once dried the product will wear off in approx. 10 days.

Product Removal

This product cannot be removed by any stripper. It can only be removed using mechanical means once cured.

Precautions and Limitations

Restrict the use of the floor to wheeled traffic and non-harsh chemicals after 24 hours has passed. Keep the floor dry for this period. Always test cleaners prior to use. High humidity can increase the curing speed dramatically. Open cans that are re-sealed will prove very difficult to open. Read the container label warning and Safety Data Sheet for important health and safety information prior to use for details on the safe handling and use of these products. Proper ventilation and PPE is encouraged during the use of this product.

NOTICE TO BUYER: DISCLAIMER OF WARRANTIES AND LIMITATIONS ON OUR LIABILITY

We warrant that our product is manufactured to the specifications as stated her or in other publications. All other information supplied by us is accurate to the best of our knowledge. Such information supplied about our products is not a representation or a warranty. It is supplied on the condition that you shall make your own tests to determine the suitability of our product for your particular purpose. ***NO WARRANTY IS MADE, EXPRESSED OR IMPLIED, REGARDING SUCH OTHER INFORMATION, THE DATA ON WHICH IT IS BASED, OR THE RESULTS YOU WILL OBTAIN FROM ITS USE. NO WARRANTY IS MADE, EXPRESSED OR IMPLIED, THAT OUR PRODUCT SHALL BE MERCHANTABLE OR THAT OUR PRODUCT SHALL BE FIT FOR ANY PARTICULAR PURPOSE. NO WARRANTY IS MADE THAT THE USE OF SUCH INFORMATION OR OUR PRODUCT WILL NOT INFRINGE UPON ANY PATENT****. We shall have no liability for incidental or consequential damages, direct or indirect. Our liability is limited to the net selling price of our product or the replacement of our product, at our option. Acceptance of delivery of our product means that you have accepted the terms of this warranty whether or not purchase orders or other documents state terms that or other documents state terms that vary from this warranty. No representative is authorized to make any representation or warranty or assume any other liability on our behalf with any sale of our products. Any use or application other than recommended herein is the sole responsibility of the user. Uncured epoxy resins, polymers and their curing agents may be* ***ALKALINE, TOXIC or BOTH****, depending on the particular system. They may cause* ***ALLERGIC REACTIONS or HYPERSENSITIVITY REACTIONS. BEFORE USING*** *any material,* ***READ THE MATERIAL SAFETY DATA SHEET AND FOLLOW ALL PRECAUTIONS TO PREVENT BODILY HARM.***

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