POLYREZ®
HIGH PERFORMANCE COATINGS

Technical Data Sheet

HIGH WEAR ADDITIVE

WHITE ALUMINUM OXIDE COATINGS ADDITIVE

High Wear Additive is a 220 grit white aluminum oxide additive for use in urethanes, polyaspartics and epoxies. Using High Wear Additive in the wear surface of your coated floor will improve the durability and wear resistance of the top coat. Depending on dosage and spread rate, High Wear Additive can also improve the slip resistance of the surface.

Specifications / Compliances • Meets OTC, CARB, LADCO & SCAQMD VOC restrictions.

Typical Properties & Technical Information

PROPERTY	VALUE
Solids/Active Content, Percentage by weight	N/A
Dry Time - Tack Free	Refer to Coating Used
Dry Time - Foot Traffic	Refer to Coating Used
Dry Time - Heavy Traffic	Refer to Coating Used
Re-Coat Time Window	Refer to Coating Used
Application Temperature	50° F - 80° F
VOC (Volatile Organic Compound) Content	N/A
Appearance - Wet	Clear-Hazy Depending on Dosage
Appearance - Dry	Depends on Dosage & Spread Rate

Information above is based on lab temperatures of 70° - 72°F at 50% RH. Using this product outside these conditions may affect the accuracy of the information above. Always test prior to use!

ALWAYS REFER TO SDS & READ FULL TECH DATA SHEET AND WARRANTY INFORMATION PRIOR TO USE.

KEY FEATURES & TYPICAL BENEFITS

- Effectively increases the durability of a coated surface.
- Can be used to provide texture for top coats over epoxy/urethane floors.
- Can provide a durable satin finish over epoxy floors.
- Use in conjuction with MCU 85 No Odor for an excellent high wear urethane system.
- VOC compliant for all areas in the United States and Canada.

RECOMMENDED APPLICATIONS

- Auto Service Centers
- Warehouses
- Laboratories
- Aircraft Hangars
- Cafeterias
- Garages
- Any application where a high wear resistant coating is needed.

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SURFKOAT
Surface Koatings, Inc.
Manufacturers of Industrial and Decorative Concrete Materials

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APPLICATION INSTRUCTIONS

*REFER TO TECHNICAL DATA SHEET FOR COATING BEING USED FOR SURFACE PREP, MIX TIMES, POT LIFE, APPLICATION TIME, RE-COAT INFORMATION, ETC.

MCU 85 No Odor, MCU 55, PolyKoat GL 90, PolyKoat GL 80, and 60% Aliphatic Urethane are suggested for use with High Wear Additive however other urethanes, polyaspartics and epoxies may be used as well. Always test prior to use.

MIXING: Stir in desired amount of High Wear Additive into coating for 2-3 minutes after blending parts A and B (for 2 component products). Avoid creating a vortex, especially if using MCU, in the material which could introduce air and/or moisture content to the mixture. Do not mix more than can be applied within the usable pot life time frame*. If using with a Kolour Koat color pack, add color to part A then blend parts A and B then add desired amount of High Wear Additive. Additional stirring may be required if coating is left unmixed for an extended period of time, especially in lower viscosity coatings. Broadcasting the High Wear Additive over freshly applied coatings may be sufficient as well, however, test your broadcasting method prior to complete application to avoid over application.

COVERAGE RATE: Application rates will depend on the dosage per gallon of coating and desired texture. The more High Wear Additive that is added, the thinner the coating should be applied to avoid clumping/grouping of the High Wear Additive in the film, especially when using in clear. Note that no more than 3 lbs. per gallon should be used. Below are suggestions based on different dosage volumes over a previously coated surface. Refer to coating used for more application instructions.

3# per gallon: 500 - 600 ft² per gallon
2# per gallon: 350 - 450 ft² per gallon
1# per gallon: 250 - 350 ft² per gallon

APPLICATION: It is recommended to dip and roll any coating when High Wear Additive is added with a 1/4" mohair or 3/8" shedless nap roller. Be sure to roll through the bottom of the roller pan several times to agitate additive in the bottom every time you dip to refill the roller. Also stir the mixing pot prior to refilling a roller pan with material. Be aware that additive may be trapped in sprayer components backing up the operational mechanisms so spraying is not recommended.

PLEASE NOTE: It is always recommended to test the product in a small, inconspicuous area (on the same concrete substrate) for desired results prior to application. Coverage rates may vary for all coatings and substrates depending on porosity, density, texture etc. Material may appear white/hazy if dosage/spread rate are incorrect. Always test prior to use.

COF WARNING: OSHA and the American Disabilities Act (ADA) have now set enforceable standards for slip-resistance on pedestrian surfaces. The current coefficient of friction required by ADA is .6 on level surfaces and .8 on ramps. Surface Koatings, Inc. recommends the use of angular slip-resistant aggregate in all coatings or flooring systems that may be exposed to wet, oily or greasy conditions. It is the contractor and end users' responsibility to provide a flooring system that meets current safety standards. Surface Koatings, Inc. nor its sales agents will be responsible for injury incurred in a slip and fall accident.

Precautions and Limitations

- This product will not freeze during storage, however, allow temperature to rise to 50°F prior to application.
- All HVAC ventilation ducts should be somehow blocked prior to application so fumes are not distributed.
- This product is harmful if swallowed. Abide by recommended safety guidelines.
- This product was designed for interior and exterior use.
- It is recommended to test this product prior to using on entire application.
- Test this product prior to use. Once applied into a coating, the coating must be stripped to remove the grit.
- While this product may lower the gloss of a coating it is now intended to be a coating matting agent.
- Use this product in conjunction with coatings only. It is not recommended to use it with raw solvents.
- This product may change the desired look of the coating applied. Test prior to use.
- This product does not improve resistance to brake fluid, gasoline, or other chemicals.

CLEAN-UP: Use soap and water. Dispose of containers in accordance with local, state and federal regulations.

PRODUCT REMOVAL: Refer to coating data sheet.

SHELF LIFE: Up to one year from manufacture date in its original, unopened container stored at room temperature.

PACKAGING: Available in 3 pound containers. (Bulk packaging available upon request)

Always read all technical information, label and SDS prior to use. This information can be found online or by calling customer service at the number below.