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APPLICATION OF OHM-SHIELD® GP-5600 URETHANE FLOOR PAINT

FOR NEW CONCRETE FLOORS

ALWAYS APPLY A TEST PATCH PRIOR TO COATING LARGE AREAS

1. Clean and remove dirt/grease
2. Acid etch if necessary. If not, proceed to #6.
3. Rinse twice with clean water.
4. Allow to dry for at least 24 hours
Determine porosity of floor using porosity test*. Very dense, non-porous or treated concrete may require additional treatment.
6. If necessary apply PS-5700 primer-sealer.
Test for concrete adhesion before applying paint or sealer.
7. Cure to Static Solutions specifications
8. Check for dryness**
9. Clean dirt/grease from sealed concrete
10. Do not apply OHM-SHIELD GP-5600 if room and floor temperature are less than 60⁰ F.
Always apply an adhesion test patch prior to coating large areas.
11. Use a ¼” cotton or polyester nap roller with a five foot extension handle.
THOROUGHLY MIX OHM SHIELD GP-5600 with mixer or stirrer. Confirm that the conductive additives which may have settled are properly dispersed to assure the correct adhesion and conductivity.

Add 10-20 % as needed of water for spraying.
12. Apply in long continuous strokes assuring complete coverage.
13. Use a china white, nylon or animal hair fine bristle brush to paint hard to reach areas and trim.
14. Allow floor to dry overnight at not less than 60⁰ F before walking (light foot traffic) on the surface.
15. After drying, test the floor with a surface resistivity meter. If the reading is greater than 10⁸ ohms per square and/or the readings are not within a decade of each other over five separate test spots, apply second coat of OHM-SHIELD GP-5600.
16. Allow floor to dry 3 days (72 hours minimum) at not less than 60⁰ F before allowing general industrial traffic.

FOR OLD CONCRETE FLOORS

ALWAYS APPLY A TEST PATCH PRIOR TO COATING LARGE AREAS

NOTE: Simple cleaning may be insufficient to obtain maximum adhesion of OHM-SHIELD GP-5600 to old concrete floors. Proper maintenance and exposure to polyethylene wax, silicone and epoxy sealers, oil spills and other chemicals will adversely affect product performance.

1. If test patch is acceptable, follow instructions under “NEW CONCRETE FLOORS” at Step #3.
2. If test patch shows unacceptable adhesion after standing 14 days, proceed with the following:

Grit sand the concrete surface to remove all embedded sealers, waxes, floor polishes, oils, greases, brake fluids and chemical spills of any type.

NOTE: CONSULT YOUR CONCRETE CONTRACTOR FOR DETAILS ON PROPER EQUIPMENT AND PROCEDURES FOR FLOOR SANDING.

After sanding, wash the floor with detergent and warm water, then wet vacuum. RINSE TWICE. Allow floor to dry completely. If necessary apply [OHM SHIELD PS-5700 primer-sealer](#) by following the application instructions. Apply another test patch. If adhesion is acceptable, proceed with Step #3 under “NEW CONCRETE FLOORS”.

NOTE: FOR GLOSSIER APPEARANCE, APPLY OHM-SHIELD AF-5500 OR AF-6500 ACRYLIC FLOOR FINISH TO INCREASE GLOSS AND TO INCREASE THE ABRASION RESISTANCE.

SEE PRODUCT LABEL-MSDS FOR REGULAR SAFETY AND MAINTENANCE INSTRUCTIONS.

*Porosity Test- Pour one ounce of water on floor. If water soaks in the surface can be coated. If the water beads up then the surface must be abraded.

*Dryness Test- Place a rubber mat on surface for 24 hours. After 24 hours observe the bottom of mat. If it is dry apply the coating. If wet, apply a primer or sealer. ALWAYS WEAR PROTECTIVE GOGGLES.