



Your Chemical Solutions Provider

CHEMSOL WATERBORNE PRIMER

GENERAL INFORMATION	PHYSICAL PROPERTIES	APPLICATION
<p>Chemsol Waterborne (WB) Epoxy Surface Primer is a low odor, low VOC, two component water-based epoxy primer that provides excellent adhesion for Chemsol flooring and deck products on concrete, wood, tile and other porous substrates.</p> <p>This product is ideal for use in kitchens, hospitals, beverage plants, and places sensitive to odors during application.</p> <p><i>Chemsol warrants that its products meet its internal specifications and are of merchantable quality. However, the purchaser is solely responsible for the suitability of the product for any particular application. The purchaser should thoroughly test or qualify the product for serviceability, environmental compliance and health and safety factors prior to use. Further, our total liability is limited to the price of the product or replacement in kind.</i></p> <p>Chemsol 8423 Boettner Road Bridgewater, MI 48115 Phone: 888-697-6001 Fax: 248-237-4102 www.chemsol.com</p>	<ol style="list-style-type: none"> 1. Colors: Clear Base – WBSP Clear Hardener – PTB-WBSP 2. Solids by Volume: 40 +/- 2% 3. VOC content: 0.83 lbs/gallon (100 grams/liter) 4. Dry Time @ 70°F (21°C)/50% RH: Dry to Recoat: 6 hours 5. Theoretical Coverage @ 1 mil dft: 642 ft²/gallon 6. Recommended dft: 2 - 3 mils Recoat: 7 days max. 7. Pot Life @ 70°F (21°C): 2 hours Do not use material after 2 hours as it will not cure properly. 8. Shelf Life Two Years 	<p>Surface Preparation: Apply Chemsol WB Epoxy Surface Primer to clean, dry surfaces. Slightly damp surfaces are acceptable provided the substrate will not remain wet.</p> <p>Concrete: New concrete should be properly cured for thirty days. After proper curing, remove contaminants such as laitance, curing membranes, surface hardeners, greases and oils. Floors should be swept clean to promote good adhesion of the coating system. A profile must be created using chemical or mechanical means. The preferred method to prepare concrete floor surfaces is by mechanical means with a portable shot blast cleaning machine. Chemical cleaning of laitance and attached particles can be removed by etching the surface with muriatic acid or a suitable buffered acid solution. Follow acid manufacturer's safety instructions. After the acid has finished reacting with the concrete, remove the residue with a water rinse, preferably by power washing. Allow the surface to completely dry. For aged and old concrete floors, proceed as above while focusing on surface contaminants.</p> <p>Note: Acid etching will not remove oil, grease or wax. If the acid does not bubble or foam when spread on the concrete, the surface should be examined for films of oil, grease, wax, curing membranes, hardeners or other sealers. These materials must be removed to properly etch the surface.</p> <p>Previously Painted Surfaces: The adhesion of applied coatings over previously painted surfaces is directly influenced by the type, age and condition of the old coating. Hard or glossy paints must be dulled by sanding, abrasive blasting or other abrasive methods. A test</p>



		<p>patch should be applied to check for lifting or wrinkling of the old coating. If wrinkling or lifting occurs after overnight drying, remove the old coating.</p> <p>Wood Floors: Weathered wood should be removed or water blasted to expose a clean solid substrate. Smooth wood should be sanded to ensure proper adhesion.</p> <p>Tile and Fiberglass: Glazed and ceramic tile and fiberglass must be sanded to remove all glaze to ensure a good mechanical bond. Remove any residual sanding dust by blowing air over the surface or wiping with alcohol.</p> <p>Mixing: Chemsol WB Epoxy Surface Primer is a two part product. Pour the hardener into the base component and mix thoroughly preferably with a mechanical mixer equipped with a jiffy mixing blade until the material is a uniform color. DO NOT THIN.</p> <p>Application: Apply when the surface and ambient temperatures are above 50°F (10°C) and the material temperature is above 60°F (15°C). Application is not recommended at temperatures over 120°F. The surface to be painted must be at least 5°F (3°C) above the dew point. Apply by using a short nap mohair type roller or brush. Primer can be sprayed by airless, air assisted airless or conventional spray equipment. If more than seven days elapses after priming, the surface must be brush blasted and the primer reapplied.</p> <p>Important: Primed surfaces should be protected from contamination. Should the surface become contaminated prior to coating, clean the area before applying the topcoat.</p> <p>Safety Precautions: This product is intended for professional use in an industrial environment only. Consult the Material Safety Data Sheet prior to application.</p>
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