



SUPERPAINT[®] MACHINE FINISH LATEX PRIMER XXXXXXXXXXXX

<u>CHARACTERISTICS</u>	<u>SPECIFICATIONS</u>	<u>APPLICATION</u>																																																	
<p>Machine Finish Block Resistant Latex Primer is formulated specifically for machine applications, Machine Finish Block Resistant System provides a tough, durable, moisture resistant, mildew resistant coating system that demonstrates superior mar and blocking resistance</p> <p>In the controlled conditions in a factory, Machine Finish Block Resistant System provides uniform coverage and protection on all the painted sides of the substrate.</p> <p>Mildew Resistant This coating contains agents which inhibit the growth of mildew on the surface of this coating film.</p>	<p>Color: White</p> <p>Coverage: wet mils dry mils spread rate 4.0 1.6 400 ft²/gal 8.0 3.2 200 ft²/gal</p> <p>Drying Time, @ 77°F, 50% RH: temperature and humidity dependent Recoat: 2 hours</p> <p>Force dry with high intensity hot air or infrared heat to a board surface temperature of 160°F: Can be recoated immediately</p> <p>Flash Point: N/A</p> <p>Finish: Flat</p> <p>Vehicle Type: Acrylic</p> <p style="text-align: center;">B42W1700</p> <p>VOC (less exempt solvents): 57 g/L; 0.47 lb/gal</p> <p>Volume Solids: 40 ± 2%</p> <p>Weight Solids: 55 ± 2%</p> <p>Weight per Gallon: 11.3 lb</p>	<p>Factory Machine ONLY Apply only with machine application in factory controlled conditions. Brush Coater Pneumatic Coater Air-Assisted Airless Vacuum Coater</p> <p>Plywood/T1-11/Wood 1 ct. Machine Finish Block Resistant Latex Primer <i>Suggested Topcoat:</i> 1-2 cts. SuperPaint Machine Finish</p> <p>Cement Composition Siding/Panels 1 ct. Machine Finish Block Resistant Latex Primer <i>Suggested Topcoat:</i> 1-2 cts. SuperPaint Machine Finish On high pH surfaces: <i>Suggested Primer:</i> 1 ct. Loxon Masonry Primer or: Loxon Conditioner</p>																																																	
<p>Coverage: One gallon applied without loss will cover 1604 square feet per gallon at 1.0 mils wet. These rates will vary depending on the porosity and texture of the surface</p> <p>Square Foot Coverage per Gallon at various wet film and transfer efficiencies:</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th rowspan="2">Mils wet:</th> <th colspan="4">Transfer Efficiency</th> </tr> <tr> <th>100%</th> <th>90%</th> <th>80%</th> <th>70%</th> </tr> </thead> <tbody> <tr><td>1</td><td>1604</td><td>1444</td><td>1283</td><td>1123</td></tr> <tr><td>2</td><td>802</td><td>722</td><td>642</td><td>561</td></tr> <tr><td>3</td><td>535</td><td>481</td><td>428</td><td>374</td></tr> <tr><td>4</td><td>401</td><td>361</td><td>321</td><td>281</td></tr> <tr><td>5</td><td>321</td><td>289</td><td>257</td><td>225</td></tr> <tr><td>6</td><td>267</td><td>241</td><td>214</td><td>187</td></tr> <tr><td>7</td><td>229</td><td>206</td><td>183</td><td>160</td></tr> <tr><td>8</td><td>201</td><td>180</td><td>160</td><td>140</td></tr> </tbody> </table>		Mils wet:	Transfer Efficiency				100%	90%	80%	70%	1	1604	1444	1283	1123	2	802	722	642	561	3	535	481	428	374	4	401	361	321	281	5	321	289	257	225	6	267	241	214	187	7	229	206	183	160	8	201	180	160	140	<p>To calculate spreading rate at 100% transfer efficiency: 1604 ÷ wet mils = sg ft/gal</p> <p style="text-align: center;">(ex. 1604 ÷ 4 =401)</p> <hr/> <p>To calculate transfer efficiency: $\frac{\text{actual spreading rate}}{1604 \div \text{wet mils}}$</p> <p style="text-align: center;">(ex. 225 ÷ (1604 ÷5) = 70%)</p> <hr/> <p>To calculate dry film thickness: wet mils x volume solids</p> <p style="text-align: center;">(ex. 5.0 x 55% = 2.75)</p>
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<u>SURFACE PREPARATION</u>	<u>CLEANUP INFORMATION</u>	<u>CAUTIONS</u>
<p>For maximum product performance, the surface must be prepared properly. The surfaces must be structurally sound. Remove all surface contamination (dirt, mildew, sanding dust, etc.) by washing with an appropriate cleaner, rinse thoroughly and allow to dry. If surface is damp or wet from exposure or cleaning, allow the surface to dry thoroughly before applying any coating. Moisture content must be below 19%</p> <p>Cement Composition Siding/Panels If the surface is new, test it for pH, if the pH is higher than 8, prime with Loxon Masonry Primer. Recommended slip-sheeting with ¼" foam.</p> <p>Wood, Plywood Sand any exposed wood to a fresh surface. Patch all holes and imperfections with a wood filler or putty and sand smooth. On woods that present potential tannin bleeding, such as redwood and cedar, use one of the SuperPaint Machine Finish Alkyd Primers to seal water-soluble extractives; for any solvent-soluble extractives, use Machine Finish Block Resistant Latex Primer.</p>	<p>Clean spills and spatters immediately with soap and warm water. Clean hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with mineral spirits to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using mineral spirits.</p>	<p>For exterior use only. Protect from freezing. Non-photochemically reactive. Not for use on horizontal surfaces, such as a roof, deck, or floor, or where water may collect.</p> <p>LABEL CAUTIONS Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection (NIOSH approved) or leave the area. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage. FIRST AID: In case of eye contact, flush thoroughly with large amounts of water. Get medical attention if irritation persists. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately. SPILL AND WASTE: Remove all sources of ignition. Ventilate and remove with inert absorbent. Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State, and Local regulation regarding pollution. WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN. FOR INDUSTRIAL USE ONLY. SEE MATERIAL SAFETY DATA SHEET. HOTW 05/21/2009 B42W01700 0300</p> <p>The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative to obtain the most recent Product Data Sheet.</p>