



# ACRYLIC FLOOR ENAMEL

RKF - Series

DESCRIPTION	SYSTEM RECOMMENDATION																								
<p>Acrylic Floor Enamel is a pure acrylic based floor coatings designed for superior abrasion, skid and chemical resistance. It provides good durability and longevity to the floor substrate.</p>	<p><b>Concrete/Plaster/Brick/Cured Asphalt Surface:</b></p> <table border="0"> <tr> <td>Acrylic Primer Sealer</td> <td>1 Coat</td> <td>25 Microns DFT</td> </tr> <tr> <td>Acrylic Floor Enamel</td> <td>2 Coats</td> <td>50 Microns DFT per coat</td> </tr> </table>	Acrylic Primer Sealer	1 Coat	25 Microns DFT	Acrylic Floor Enamel	2 Coats	50 Microns DFT per coat																		
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RECOMMENDED USES	<p><b>Methods for preparing 10% Muratic Acid Solution:</b></p> <ol style="list-style-type: none"> <li>1. Fill in a plastic container 3 parts of clean water.</li> <li>2. Add slowly about 1 part of SWF - K048 as supplied and mix.</li> </ol>																								
<p>To be used on prepared substrate exterior or interior such as concrete, cured asphalt, brick. Also for floor coatings, tennis courts, walkways, and driveways. To obtain a non-skid or non – slip coating add in the first coat 2-3 mm of fine clean sand in the range of 0.5 to 2.5 KG/ US Gallon of Acrylic Floor Enamel, and mix thoroughly or alternatively over the first coat, the sand can be evenly sprinkled immediately over wet paint of Acrylic Floor Enamel and one more top coat applied.</p>	<p><b>Method for Acid Etching:</b></p> <ol style="list-style-type: none"> <li>1. Scrub the surface with stiff brush to remove dirt and slim material. Remove grease, oil and other penetrating contaminants by detergent cleaning. Remove fins and protruding surface irregularities by mechanical means.</li> <li>2. Rinse the surface with water.</li> <li>3. Etch with 10 - 15% Muratic acid solution @ 1 gallon per 75 sq. feet.</li> <li>4. Scrub the acid wetted surface with a stiff bristle brush.</li> <li>5. When the bubbles begin to subside flush surface with water to remove reaction products. Inspect for uniform roughening. Surface should have a texture similar to medium grit sandpaper.</li> <li>6. Repeat application of acid to obtain required texture of surface.</li> <li>7. After the desired roughening is achieved, thoroughly flush the surface with water. Repeated flushing and scrubbing may be necessary to remove the acid residue. Check pH to ensure clean surface, if necessary neutralize with 3% solution of Tri Sodium Phosphate and flush with water.</li> <li>8. Allow the surface to dry. Check the presence of moisture using asphalt tile test or rubber mat. On placing the tile or mat overnight if there is presence of moisture underneath the mat or tile, it is indicative of a wet surface.</li> </ol>																								
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<p><b>Surface Preparation:</b> Surface must be dry, clean and in sound condition. Remove oil, dust, dirt, millscale or other foreign substance to ensure good adhesion. Minimum surface preparation methods to be followed for (1) Concrete should be cured, dry and clean. (2) Wood -Sand the surface with suitable grit sand paper and remove all the dust with a tack cloth or blast of clean air. If any dirt or grease remains prior to finishing it must be removed by solvent wiping.</p> <p><b>Application Methods:</b></p> <table border="0"> <tr> <td><b>Conventional Spray:</b></td> <td>Reduce 10% with thinner</td> </tr> <tr> <td><b>Airless Spray:</b></td> <td>Reduce 10% with thinner</td> </tr> <tr> <td><b>Brush/Roller:</b></td> <td>Reduction not recommended</td> </tr> </table>	<b>Conventional Spray:</b>	Reduce 10% with thinner	<b>Airless Spray:</b>	Reduce 10% with thinner	<b>Brush/Roller:</b>	Reduction not recommended	<p>Excessive reduction of material can affect the film build, appearance, and adhesion. Any further specific technical information can be obtained from SWSA if you email <a href="mailto:ask@sherwinwilliams.ae">ask@sherwinwilliams.ae</a></p> <p><b>SAFETY PRECAUTIONS</b></p> <p>Spray under well-ventilated conditions. Do not breathe or inhale mist. When spraying, wear air mask. Avoid skin contact. Spillage on skin should immediately be removed with suitable cleanser, soap and water. Eyes should be flushed with water and medical attention sought immediately.</p>																		
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