



BAKING ENAMEL

IDF - Series

DESCRIPTION	SYSTEM RECOMMENDATION									
<p>Premium quality alkyd/amino baking enamel designed for a wide range of metal finish applications ranging from metal office furniture to machinery, electrical components and fabricated metal parts. It provides a hard, tough, mar resistant, interior/exterior durable coating. It has excellent electrostatic spray properties.</p>	<p>Iron, Steel:</p> <table border="0"> <tr> <td>Baking Enamel</td> <td>1 Coat</td> <td>30 Microns DFT</td> </tr> </table> <p>Aluminum:</p> <table border="0"> <tr> <td>Chrome Phosphate Treatment**</td> <td>1 Coat</td> <td>05 Microns DFT</td> </tr> <tr> <td>Baking Enamel</td> <td>1 Coat</td> <td>30 Microns DFT</td> </tr> </table>	Baking Enamel	1 Coat	30 Microns DFT	Chrome Phosphate Treatment**	1 Coat	05 Microns DFT	Baking Enamel	1 Coat	30 Microns DFT
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RECOMMENDED USES	<p>Previously Painted Surfaces: Surfaces should be free from all foreign material. Old paint films must be brush blasted or scuff sanded prior to coating. Unknown old paint surface should be tested for lifting or peeling. If it does, clean to sound substrate and treat as new surface.</p>									
<p>For use over prepared substrate such as steel and aluminum, external drum coating, home appliances, fixtures, and cabinets.</p>	<p>*For further information on recommended products please refer to Sherwin Williams Saudi Arabia Painting & Coatings System Guide.</p> <p>**For further information on surface preparation methods and application procedures please refer to Sherwin Williams Saudi Arabia Surface Preparation bulletin.</p>									
CHARACTERISTICS	<p>Color: Wide range of colors Finish: High Gloss Volume Solid: 53% ± 5% Specific Gravity: 1.07 KGs / ltr Recommended DFT: 30 Microns Spreading Rate@DFT: 17.66 m² / ltr or 66.90 m² / US gallon Flash Point: 17 °C Drying Schedule: Curing Temperature: 160 °C @ 25 °C/R.H.50 To Recoat: 10 – 15 Minutes Shelf Life: 18 months, unopened at 25 °C Reducer/Clean Up: Baking thinner YTF – K082</p>									
APPLICATION PROCEDURES	SPECIAL TIPS									
<p>Surface Preparation: 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) Iron and Steel – SSPC-SP2 or SP3 (2) Aluminum– SSPC-SP1.</p>	<p>Excessive reduction of material can affect the film build, appearance, and adhesion. Allow flash off prior to baking to avoid blistering. Any further specific technical information can be obtained from SWSA if you email ask@sherwinwilliams.ae</p>									
<p>Application Methods:</p> <table border="0"> <tr> <td>Conventional Spray:</td> <td>Reduce 15% with baking thinner</td> </tr> <tr> <td>Electrostatic Spray:</td> <td>Reduced as required for suitable spray. May require reduction with polar solvents to 0.3 – 1.0 megohms resistance.</td> </tr> </table>	Conventional Spray:	Reduce 15% with baking thinner	Electrostatic Spray:	Reduced as required for suitable spray. May require reduction with polar solvents to 0.3 – 1.0 megohms resistance.	SAFETY PRECAUTIONS					
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Electrostatic Spray:	Reduced as required for suitable spray. May require reduction with polar solvents to 0.3 – 1.0 megohms resistance.									
	<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>									