



INDUSTRIAL ENAMEL

CAF Series Flat
 CBF Series Semigloss
 CDF Series Gloss

DESCRIPTION	CHARACTERISTICS																														
<p>Quality alkyd finish designed for all-purpose interior/exterior application on multiple substrates in industrial environments, where high film build is required. It dries fast and allows equipment to be placed back in service quickly. Chip and flake resistant. Product meets dry heat resistance to 93 °C per ASTM D2485, meets heat reflecting to Military Specifications MIL-E-46117A .</p>	<p>Color: Wide range of colors available Finish: Flat/Semigloss/Gloss Volume Solid: 44.0% ± 1% Specific Gravity: 1.15 ± 0.15 KGs / ltr Recommended DFT: 30 – 60 Microns (Even more thick coats up to 100 Microns DFT/coat can be applied for special purposes)</p>																														
RECOMMENDED USES	<p>Spreading Rate@DFT: 7.33 – 14.67 m² / ltr or 27.75 – 55.53 m² / US gallon Flash Point: 40 °C Drying Schedule: @ 25 °C/R.H.50 Dry to Touch: 1 - 2 Hours To Handle: 6 Hours To Recoat: 8 Hours Shelf Life: 18 months, unopened at 25 °C Reducer/Clean Up: Paint thinner YTF K099 / White spirit YTF K088</p>																														
PERFORMANCE SPECIFICATIONS	APPLICATION METHODS																														
<p>Physical Properties:</p> <table border="0"> <tr> <td>Abrasion Resistance (ASTM D4060, 1000 Cycles)</td> <td>180 mg</td> </tr> <tr> <td>Dry Heat Resistance (ASTM D2485)</td> <td>93 °C</td> </tr> <tr> <td>Elcometer Adhesion (ASTM D4541)</td> <td>290 psi</td> </tr> <tr> <td>Exterior Durability (with chalk)</td> <td>Good</td> </tr> <tr> <td>Flexibility (ASTM D522, 180° bend)</td> <td>3/16" mandrel</td> </tr> <tr> <td>Pencil Hardness (ASTM D 3363)</td> <td>3B</td> </tr> </table> <p>Resistance Guide:(Resistance to fumes, splash and spillage – not immersion- ASTM D3912)</p> <table border="0"> <tr> <td>Aliphatic Hydrocarbons</td> <td>Moderate</td> </tr> <tr> <td>Alkalies</td> <td>Not Recommended</td> </tr> <tr> <td>Aromatic Hydrocarbon Solvents</td> <td>Not Recommended</td> </tr> <tr> <td>Chlorinated Solvents</td> <td>Moderate</td> </tr> <tr> <td>Fresh Water</td> <td>Moderate</td> </tr> <tr> <td>Glycol ethers, alcohols, formaldehyde</td> <td>Moderate</td> </tr> <tr> <td>Inorganic Acids</td> <td>Not Recommended</td> </tr> <tr> <td>Oils (cutting, vegetable, lubricating)</td> <td>Moderate</td> </tr> <tr> <td>Oxygenated Solvents</td> <td>Not Recommended</td> </tr> </table>	Abrasion Resistance (ASTM D4060, 1000 Cycles)	180 mg	Dry Heat Resistance (ASTM D2485)	93 °C	Elcometer Adhesion (ASTM D4541)	290 psi	Exterior Durability (with chalk)	Good	Flexibility (ASTM D522, 180° bend)	3/16" mandrel	Pencil Hardness (ASTM D 3363)	3B	Aliphatic Hydrocarbons	Moderate	Alkalies	Not Recommended	Aromatic Hydrocarbon Solvents	Not Recommended	Chlorinated Solvents	Moderate	Fresh Water	Moderate	Glycol ethers, alcohols, formaldehyde	Moderate	Inorganic Acids	Not Recommended	Oils (cutting, vegetable, lubricating)	Moderate	Oxygenated Solvents	Not Recommended	<p>Conventional Spray: Reduce 10% with thinner Airless Spray: Reduce 10% with thinner Brush/Roller: Reduction not recommended</p>
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SYSTEM RECOMMENDATION	SPECIAL TIPS
<p><u>Iron, Steel,</u></p> <p>Red Oxide Metal Primer or 1 Coat 35 –40 Microns DFT Anti Rust Metal Primer 1 Coat 30 - 50 Microns DFT Industrial Enamel 2 Coats 30 - 60 Microns DFT per coat</p> <p><u>Aluminum, Galvanized Steel:</u></p> <p>Wash Primer Green or 1 Coat 7 Microns DFT Zinc Chromate Primer or 1 Coat 40 - 50 Microns DFT Galvite Paint White 1 Coat 50 – 75 Microns DFT Industrial Enamel 2 Coats 30 - 60 Microns DFT per coat</p> <p><u>Plastered Wall & Wood Finish:</u></p> <p>Wall & Wood Primer 1 Coat 40 - 50 Microns DFT Enamel Undercoater 1 Coat 50 Microns DFT Industrial Enamel 2 Coats 30 – 60 Microns DFT per coat</p> <p><u>Concrete Blocks:</u></p> <p>Wall & Wood Primer 1 Coat 40 – 50 Microns DFT Heavy Duty Block Filler 1 Coat 250 Microns DFT Industrial Enamel 2 Coats 30 – 60 Microns DFT per coat</p> <p><u>Plastered Wall top coat over texture coating :</u></p> <p>Acrylic Primer Sealer or 1 Coat 25 Microns DFT Latex Wall Primer 25 Microns DFT Hi Build Texture or 1 Coat 300 - 1000 Microns DFT Texture Coarse Aggregate 1 Coat 300 - 500 Microns DFT Industrial Enamel 1 or 2 Coats 30 – 60 Microns DFT per coat</p>	<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 ask@sherwinwilliams.ae</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>
	SAFETY PRECAUTIONS
	<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>