



**Protective & Marine Coatings**  
PRODUCT DATA SHEET



# KEM KROMIK 150

## ALKYD TOPCOAT

Revised: March 19, 2019

### PRODUCT DESCRIPTION

**KEM KROMIK 150** is a high solids, alkyd, gloss topcoat. It is easy to apply by brush, roll, or spray and is intended for interior/exterior use in marine and industrial environments.

### INTENDED USES

For atmospheric use on interior and exterior exposed marine surfaces such as commercial ocean craft, trim and decks, coastal structures as well as industrial applications over properly primed steel and aluminum substrates.

### PRODUCT DATA

**Finish:** Gloss  
**Colors:** Wide range of colors available  
**Volume Solids:** 61% ± 2%, mixed  
**VOC (EPA Method 24):** <340 g/L; 2.8 lb/gal

**Typical Thickness:**

**Recommended Spreading Rate per coat:**

	Minimum	Maximum
<b>Wet mils</b> (microns)	<b>3.5</b> (88)	<b>7.0</b> (175)
<b>Dry mils</b> (microns)	<b>2.0</b> (50)	<b>4.0</b> (100)
<b>~Coverage sq ft/gal</b> (m <sup>2</sup> /L)	<b>245</b> (6.0)	<b>490</b> (12)
Theoretical coverage <b>sq ft/gal</b> (m <sup>2</sup> /L) @ 1 mil / 25 microns dft	<b>978</b> (24)	

*NOTE: Brush or roll applications may require multiple coats to achieve maximum film thickness and uniformity of appearance.*

**Shelf Life:** 24 months, unopened  
Store indoors at 40°F (4.5°C) to 100°F (38°C).  
**Flash Point:** 105°F (41°C)  
**Reducer / Clean Up:** Xylene  
**Weight:** 10.41 ± 0.2 lb/gal ; 1.25 Kg/L, may vary by color

**Average Drying Times:**

	40°F (4.5°C)	77°F (25°C)	120°F (49°C)
<b>Touch:</b>	4 hours	3 hours	1 hour
<b>Handle:</b>	14 hours	6 hours	3 hours
<b>Recoat:</b>	18 hours	12 hours	8 hours
<b>Cure:</b>	10 days	7 days	4 days

*Drying time is temperature, humidity, and film thickness dependent.*

### SURFACE PREPARATION

Surface must be clean, dry, and in sound condition. Remove all oil, dust, grease, dirt, loose rust, and other foreign material to ensure adequate adhesion.

**Minimum recommended surface preparation:**

Iron & Steel: SSPC-SP2/ISO8501-1:2007 St2  
Aluminum: SSPC-SP1



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APPLICATION	APPLICATION CONDITIONS												
<p><b>Airless Spray</b>            Pressure.....2800 psi minimum (193 bar)            Tip .....015"-.021"            Filter.....60-100 mesh            Reduction.....As needed up to 4% by volume</p> <p><b>Brush</b>            Brush.....Nylon/Polyester or Natural Bristle            Reduction.....not recommended</p> <p><b>Roller</b>            Cover .....1/4"-3/8" woven with solvent resistant core            Reduction.....not recommended</p> <p>If specific application equipment is not listed above, equivalent equipment may be substituted.</p>	<p><b>Temperature (air, surface, material):</b>            40°F (4.5°C) minimum, 120°F (49°C) maximum            At least 5°F (2.8°C) above dew point</p> <p>Relative humidity:       85% maximum</p>												
	<b>APPROVALS</b>												
	<ul style="list-style-type: none"> <li>• Suitable for use in USDA inspected facilities</li> <li>• Meets USDA requirement for incidental contact</li> </ul>												
	<b>ADDITIONAL NOTES</b>												
	Tint with Maxitoner colorants at 100% strength. Five minutes minimum mixing on a mechanical shaker is required for complete mixing of color.												
<b>RECOMMENDED SYSTEMS</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;">Dry Film Thickness / ct.</th> <th style="width: 20%; text-align: center;"><u>Mils</u></th> <th style="width: 20%; text-align: center;"><u>(Microns)</u></th> </tr> </thead> <tbody> <tr> <td><b>Steel, Epoxy Primer</b></td> <td></td> <td></td> </tr> <tr> <td>1 Ct. Macropoxy 646</td> <td style="text-align: center;">5.0-10.0</td> <td style="text-align: center;">(125-250)</td> </tr> <tr> <td>1-2 Cts. Kem Kromik 150</td> <td style="text-align: center;">2.0-4.0</td> <td style="text-align: center;">(50-100)</td> </tr> </tbody> </table>	Dry Film Thickness / ct.	<u>Mils</u>	<u>(Microns)</u>	<b>Steel, Epoxy Primer</b>			1 Ct. Macropoxy 646	5.0-10.0	(125-250)	1-2 Cts. Kem Kromik 150	2.0-4.0	(50-100)	
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<p>The systems listed above are representative of the product's use, other systems may be appropriate.</p>													
<b>WARRANTY</b>													
<p>The Sherwin-Williams Company warrants our products to be free of manufacturing defects in accord with applicable Sherwin-Williams quality control procedures. Liability for products proven defective, if any, is limited to replacement of the defective product or the refund of the purchase price paid for the defective product as determined by Sherwin-Williams. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY SHERWIN-WILLIAMS, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.</p>													
	<b>HEALTH AND SAFETY</b>												
	<p>Refer to the SDS sheet before use.            Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.</p>												
	<b>DISCLAIMER</b>												
	<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>												