



# FRESH START<sup>®</sup>

## ALKYD RUST INHIBITIVE

### PRIMER K163

#### Features

- Tough, durable film with outstanding adhesion.
- Attractive low lustre finish.
- For exterior or interior use.
- Self priming with easy application.
- Extremely durable with rust inhibitive ingredients.

#### General Description

A highly versatile alkyd based coating, Fresh Start<sup>®</sup> Interior/Exterior Alkyd Rust Inhibitive Primer seals and protects both exterior and interior metal and wood surfaces from rusting and moisture. Fresh Start<sup>®</sup> Interior/Exterior Alkyd Rust Inhibitive Primer offers superior rust inhibition and protection along with the convenience of a primer and topcoat system in a single package.

#### Recommended For

For exterior surfaces such as steel, aluminum, wrought iron railings, and metal roof decks. Wood surfaces include wood siding, trim, and masonite materials. Recommended interior surfaces include metal, wood, painted wallboard, cured plaster, and masonry.

#### Limitations

- Do not apply when air and surface temperatures are below 50 °F (10 °C).
- **For Metal substrates only**

#### Product Information

<p><b>Colours — Standard:</b> White and Black</p> <hr/> <p><b>— Tint Bases:</b> None</p> <hr/> <p><b>— Special Colours:</b> Contact your Benjamin Moore representative.</p> <hr/> <p><b>Certification:</b> <b>VOC compliant in all regulated areas.</b></p> <hr/> <p><b>CUSTOMER INFORMATION CENTRE:</b> 1-800-361-5898, <a href="mailto:info@benjaminmoore.ca">info@benjaminmoore.ca</a>, <a href="http://www.benjaminmoore.ca">www.benjaminmoore.ca</a></p>	<table border="1"> <thead> <tr> <th colspan="2">Technical Data<sup>◇</sup></th> <th>White</th> </tr> </thead> <tbody> <tr> <td>Vehicle Type</td> <td></td> <td>Soya Alkyd</td> </tr> <tr> <td>Pigment Type</td> <td></td> <td>Titanium Dioxide</td> </tr> <tr> <td>Volume Solids</td> <td></td> <td>43.5%</td> </tr> <tr> <td>Coverage per 3.79 L at Recommended Film Thickness</td> <td></td> <td>37.2 – 46.5 sq. m. (400 – 600 sq. ft.)</td> </tr> <tr> <td>Recommended Film Thickness</td> <td>– Wet</td> <td>3.2 mils</td> </tr> <tr> <td></td> <td>– Dry</td> <td>1.4 mils</td> </tr> <tr> <td colspan="3">Depending on surface texture and porosity. Be sure to estimate the right amount of paint for the job. This will ensure colour uniformity and minimize the disposal of excess paint.</td> </tr> <tr> <td>Dry Time @ 25 °C (77 °F) @ 50% RH</td> <td>– To Touch</td> <td>3 Hours</td> </tr> <tr> <td></td> <td>– To Recoat</td> <td>Overnight</td> </tr> <tr> <td colspan="3">High humidity and cool temperatures will result in longer dry, recoat and service times.</td> </tr> <tr> <td>Dries By</td> <td></td> <td>Evaporation, Oxidation</td> </tr> <tr> <td>Viscosity</td> <td></td> <td>80 ± 3 KU</td> </tr> <tr> <td>Flash Point</td> <td></td> <td>Combustible</td> </tr> <tr> <td>Gloss / Sheen</td> <td></td> <td>Low Lustre</td> </tr> <tr> <td>Surface Temperature at Application</td> <td>– Min.</td> <td>10 °C (50 °F)</td> </tr> <tr> <td></td> <td>– Max</td> <td>32.2 °C (90 °F)</td> </tr> <tr> <td>Thin With</td> <td></td> <td>Do Not Thin</td> </tr> <tr> <td>Clean Up Thinner</td> <td></td> <td>Mineral Spirits</td> </tr> <tr> <td>Weight Per 3.79 L</td> <td></td> <td>2.22 kg (4.9 lbs)</td> </tr> <tr> <td>Storage Temperature</td> <td>– Min.</td> <td>4.4 °C (40 °F)</td> </tr> <tr> <td></td> <td>– Max</td> <td>32.2 °C (90 °F)</td> </tr> <tr> <td colspan="3" style="text-align: center;"><b>Volatile Organic Compounds (VOC)</b></td> </tr> <tr> <td colspan="3" style="text-align: center;">444 g/L</td> </tr> </tbody> </table>	Technical Data <sup>◇</sup>		White	Vehicle Type		Soya Alkyd	Pigment Type		Titanium Dioxide	Volume Solids		43.5%	Coverage per 3.79 L at Recommended Film Thickness		37.2 – 46.5 sq. m. (400 – 600 sq. ft.)	Recommended Film Thickness	– Wet	3.2 mils		– Dry	1.4 mils	Depending on surface texture and porosity. Be sure to estimate the right amount of paint for the job. This will ensure colour uniformity and minimize the disposal of excess paint.			Dry Time @ 25 °C (77 °F) @ 50% RH	– To Touch	3 Hours		– To Recoat	Overnight	High humidity and cool temperatures will result in longer dry, recoat and service times.			Dries By		Evaporation, Oxidation	Viscosity		80 ± 3 KU	Flash Point		Combustible	Gloss / Sheen		Low Lustre	Surface Temperature at Application	– Min.	10 °C (50 °F)		– Max	32.2 °C (90 °F)	Thin With		Do Not Thin	Clean Up Thinner		Mineral Spirits	Weight Per 3.79 L		2.22 kg (4.9 lbs)	Storage Temperature	– Min.	4.4 °C (40 °F)		– Max	32.2 °C (90 °F)	<b>Volatile Organic Compounds (VOC)</b>			444 g/L		
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## Fresh Start® Alkyd Rust Inhibitive Primer K163

### Surface Preparation

Surfaces to be coated must be clean, dry, and free of oil, grease, dust, flaky rust, mill scale, loose paint, chalk, and other foreign matter than could interfere with adhesion. Glossy surfaces should be dulled by abrading the surface.

**Metal:** Remove loose rust and scale with a scraper, wire brush, or sandpaper. Clean bare metal with mineral spirits.

**Mildew:** If mildew is present, it must be removed by scrubbing with a commercial mildew wash. If mildew is widespread, the use of power wash equipment is suggested. **Caution:** Use rubber gloves, work goggles, and protective clothing when applying mildew wash. Follow manufacturer's directions.

**Difficult Substrates:** Benjamin Moore offers a number of specialty primers for use over difficult substrates such as bleeding woods, grease, crayon markings, hard glossy surfaces, galvanized metal, or other substrates where paint adhesion or stain suppression is a particular problem. Your Benjamin Moore retailer can recommend the right problem solving primer for your special needs.

**WARNING!** If you scrape, sand or remove old paint, you may release lead dust. **LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE.** Wear a NIOSH-approved respirator to control lead exposure. Carefully clean up with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by logging onto Health Canada @ [http://www.hc-sc.gc.ca/iyh-vsv/prod/paint-peinture\\_e.html](http://www.hc-sc.gc.ca/iyh-vsv/prod/paint-peinture_e.html)

### Primer/Finish Systems

**Note:** All alkyd-based enamels experience a certain amount of yellowing. This effect is accelerated in dark or poorly ventilated areas. For these problem areas, consult your Retailer for a suitable Acrylic Latex finish.

#### Metal Surfaces (Rust Free)

2 coats Fresh Start® Interior/Exterior Alkyd Rust Inhibitive Primer (K163)

#### Metal Surfaces (Rusted)

2 - 3 coats Fresh Start® Interior/Exterior Alkyd Rust Inhibitive Primer (K163)

**Galvanized Metal, New** All new, galvanized metal surfaces must be thoroughly cleaned with mineral spirits to remove contaminants.

**Primer:** Super Spec HP® Acrylic Metal Primer (KP04)

**Finish:** 1 or 2 coats Fresh Start® Interior/Exterior Alkyd Rust Inhibitive Primer (K163)

#### Previously Painted Surfaces

1 or 2 coat Fresh Start® Interior/Exterior Alkyd Rust Inhibitive Primer (K163)

**Note:** Depending upon the condition of the substrate, a specific Benjamin Moore primer may be required. Please consult your retailer for advice.

### Application

**Mixing of Paint:** Stir thoroughly before and occasionally during use. **Do not thin.**

For best application results, apply generously going from unpainted into painted areas. A one coat application protects and preserves, two coats provides greater durability.

Apply with a china bristle or all purpose synthetic brush, short nap roller, or spray.

**Spray, Airless:** Fluid Pressure — 1,500 to 2,500 PSI;

Tip — .013 - .017 Orifice

### Thinning/Cleanup

#### Do Not Thin

Clean up with mineral spirits

USE COMPLETELY OR DISPOSE OF PROPERLY. This product contains organic solvents which may cause adverse effects to the environment if handled improperly. Save unused product for touch-up purposes or a household hazardous waste collection program. Dry, empty containers may be recycled in a can recycling program. **Local disposal requirements vary; consult your sanitation department or state-designated environmental agency for more information on disposal options.**

### Environmental, Health & Safety Information

#### DANGER OF COMBUSTION

Keep away from flames or sparks.

Materials such as rags used with this product may begin to burn by themselves. After use, put rags in water or lay flat to dry, then discard.

Use only in a well ventilated area. Keep container closed when not in use. In case of spillage, absorb with inert material and dispose of in accordance with local regulations. Wash thoroughly after handling.

### KEEP OUT OF REACH OF CHILDREN FOR METAL SUBSTRATES ONLY

**Refer to Material Safety Data Sheet for  
additional health and safety information.**