



ben<sup>®</sup>  
100% ACRYLIC EXTERIOR  
LOW LUSTRE FINISH K542

**Features**

- Low temperature application down to 1.7 °C (35 °F)
- Resistant to peeling and cracking
- Excellent hide and colour retention
- Resists new mildew formation
- Soap and water clean-up
- 25 Year warranty
- Blister resistant

**Recommended For**

For use on primed or previously painted wood, hardboard siding, cured masonry, and unglazed brick.

**General Description**

A 100% acrylic latex low lustre house paint designed for application to a wide variety of exterior surfaces such as wood, hardboard, vinyl and aluminum siding, shingles, unglazed brick, concrete, stucco, cinder block, and primed metal. Provides excellent coverage and durability, with easy soap and water cleanup.

**Limitations**

- Do not apply when air and surface temperatures are below 1.7 °C (35 °F)
- Not for interior use

**Product Information**

<p><b>Colours — Standard:</b> White (01)</p> <p>(May be tinted with up to 60 ml of Benjamin Moore<sup>®</sup> Gennex<sup>®</sup> colorants per 3.79L.)</p>	<table border="1"> <thead> <tr> <th data-bbox="933 741 1161 772">Technical Data<sup>∅</sup></th> <th data-bbox="1344 741 1521 772">Pastel Base</th> </tr> </thead> <tbody> <tr> <td data-bbox="933 783 1079 814">Vehicle Type</td> <td data-bbox="1312 783 1521 814">100% Acrylic Latex</td> </tr> <tr> <td data-bbox="933 825 1079 856">Pigment Type</td> <td data-bbox="1344 825 1521 856">Titanium Dioxide</td> </tr> <tr> <td data-bbox="933 867 1079 898">Volume Solids</td> <td data-bbox="1442 867 1521 898">33.3%</td> </tr> <tr> <td data-bbox="933 909 1161 940">Coverage per 3.79 L at</td> <td data-bbox="1328 909 1521 940">32.5 – 44.1 sq. m.</td> </tr> <tr> <td data-bbox="933 930 1242 961">Recommended Film Thickness</td> <td data-bbox="1344 930 1521 961">(350-475 sq. ft.)</td> </tr> <tr> <td data-bbox="933 972 1161 1003">Recommended Film Thickness</td> <td data-bbox="1425 972 1521 1003">3.8 mils</td> </tr> <tr> <td data-bbox="933 993 1161 1024">– Wet</td> <td data-bbox="1425 993 1521 1024">1.3 mils</td> </tr> <tr> <td data-bbox="933 1014 1161 1045">– Dry</td> <td data-bbox="1425 1014 1521 1045"></td> </tr> <tr> <td colspan="2" data-bbox="933 1035 1521 1098">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 data-bbox="933 1098 1161 1129">Dry Time @ 25 °C</td> <td data-bbox="1182 1098 1521 1129">– To Touch 1 Hour</td> </tr> <tr> <td data-bbox="933 1119 1161 1150">(77 °F) @ 50% RH</td> <td data-bbox="1182 1119 1521 1150">– To Recoat 4 Hours</td> </tr> <tr> <td colspan="2" data-bbox="933 1161 1521 1203">High humidity and cool temperatures will result in longer dry, recoat and service times</td> </tr> <tr> <td data-bbox="933 1203 1031 1234">Dries By</td> <td data-bbox="1247 1203 1521 1234">Evaporation, Coalescence</td> </tr> <tr> <td data-bbox="933 1245 1031 1276">Viscosity</td> <td data-bbox="1393 1245 1521 1276">105 ± 2 KU</td> </tr> <tr> <td data-bbox="933 1287 1047 1318">Flash Point</td> <td data-bbox="1474 1287 1521 1318">N/A</td> </tr> <tr> <td data-bbox="933 1329 1079 1360">Gloss / Sheen</td> <td data-bbox="1247 1329 1521 1360">Low Lustre (10 – 15 @ 60°)</td> </tr> <tr> <td data-bbox="933 1371 1161 1402">Surface Temperature at Application</td> <td data-bbox="1182 1371 1521 1402">– Min. 1.7 °C (35 °F)</td> </tr> <tr> <td data-bbox="933 1392 1161 1423">– Max</td> <td data-bbox="1344 1392 1521 1423">37.7 °C (100 °F)</td> </tr> <tr> <td data-bbox="933 1434 1031 1465">Thin With</td> <td data-bbox="1409 1434 1521 1465">See Chart</td> </tr> <tr> <td data-bbox="933 1476 1112 1507">Clean Up Thinner</td> <td data-bbox="1377 1476 1521 1507">Clean Water</td> </tr> <tr> <td data-bbox="933 1518 1112 1549">Weight Per 3.79 L</td> <td data-bbox="1344 1518 1521 1549">4.9 kg (10.78 lbs)</td> </tr> <tr> <td data-bbox="933 1560 1161 1591">Storage Temperature</td> <td data-bbox="1182 1560 1521 1591">– Min. 4.4 °C (40 °F)</td> </tr> <tr> <td data-bbox="933 1581 1161 1612">– Max</td> <td data-bbox="1377 1581 1521 1612">35 °C (95 °F)</td> </tr> <tr> <td colspan="2" data-bbox="1052 1623 1409 1654"><b>Volatile Organic Compounds (VOC)</b></td> </tr> <tr> <td colspan="2" data-bbox="1198 1675 1263 1707">44 g/L</td> </tr> </tbody> </table>	Technical Data <sup>∅</sup>	Pastel Base	Vehicle Type	100% Acrylic Latex	Pigment Type	Titanium Dioxide	Volume Solids	33.3%	Coverage per 3.79 L at	32.5 – 44.1 sq. m.	Recommended Film Thickness	(350-475 sq. ft.)	Recommended Film Thickness	3.8 mils	– Wet	1.3 mils	– Dry		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	– To Touch 1 Hour	(77 °F) @ 50% RH	– To Recoat 4 Hours	High humidity and cool temperatures will result in longer dry, recoat and service times		Dries By	Evaporation, Coalescence	Viscosity	105 ± 2 KU	Flash Point	N/A	Gloss / Sheen	Low Lustre (10 – 15 @ 60°)	Surface Temperature at Application	– Min. 1.7 °C (35 °F)	– Max	37.7 °C (100 °F)	Thin With	See Chart	Clean Up Thinner	Clean Water	Weight Per 3.79 L	4.9 kg (10.78 lbs)	Storage Temperature	– Min. 4.4 °C (40 °F)	– Max	35 °C (95 °F)	<b>Volatile Organic Compounds (VOC)</b>		44 g/L	
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<p><b>Certifications &amp; Qualifications:</b> <b>VOC compliant in all regulated areas</b></p> <p>Master Painters Institute MPI # 15 Water vapor permeance ASTM D1653: 42 perms Wind driven rain ASTM D6904 (1 coat masonry primer/1 coat K542) Early Rain Resistance: 1 ½ – 2 hours after application over wood, primed surfaces or previously painted surfaces (25 °C / 77 °F / 50% RH) - Other surfaces such as hardboard or vinyl may require a longer dry time</p>																																																					
<p><b>Customer Service 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>																																																					

<sup>∅</sup>Reported values are for Pastel Base. Contact Benjamin Moore for values of other bases or colours

## Surface Preparation

Surfaces must be clean, dry and free of oil, grease, wax, rust, mildew, chalk and loose or scaling paint. Cement based water proofing paints should be removed. Glossy surfaces must be dulled. Un-weathered areas such as eaves, porch ceilings, overhangs and protected wall areas should be washed with a Benjamin Moore® Clean (K318) and rinsed with a strong stream of water from a garden hose or power washer to remove contaminants that can interfere with proper adhesion. Stains from mildew must be removed by cleaning with Benjamin Moore® Clean (K318) prior to coating the surface. **Caution:** Refer to the (K318) Clean technical data and material safety data sheets for instructions on its proper use and handling.

All masonry surfaces must be power washed or brushed thoroughly with stiff fiber bristles to remove loose particles. New masonry substrates must be allowed to cure for 30 days before priming or painting. Poured or pre-cast concrete with a very smooth surface should be etched or abraded to promote adhesion, after removing all form release agents and curing compounds.

**Difficult Substrates:** Benjamin Moore offers a number of specialty primers for use over difficult substrates such as bleeding woods, grease stains, crayon markings, hard glossy surfaces, 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. Clean up carefully 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 @ <https://www.canada.ca/en/health-canada/services/environmental-workplace-health/environmental-contaminants/lead/lead-information-package-some-commonly-asked-questions-about-lead-human-health.html>

## Primer/Finish Systems

New surfaces should be fully primed, and previously painted surfaces may be primed or spot primed as necessary. For best hiding results, tint the primer to the approximate shade of the finish coat, especially when a significant colour change is desired. **Special Note:** Certain custom colours require a Deep Colour Base Primer tinted to a special prescription formula to achieve the desired colour. Consult your retailer.

### Wood and engineered wood products:

**Primer:** Fresh Start® High-Hiding All Purpose Primer (K046) or Fresh Start® Multi-Purpose Latex Primer (F023)  
**Finish:** 1 or 2 coats of ben® Exterior 100% Acrylic Flat Finish (K541)

### Bleeding Type Woods, (Redwood and Cedar):

**Primer:** Fresh Start® Exterior Wood Primer (K094) or 1-2 coats of Fresh Start® High-Hiding All Purpose Primer (K046) may be used  
**Finish:** 1 or 2 coats ben® Exterior 100% Acrylic Low Lustre Finish (K542)

### Hardboard Siding, Bare or Factory Primed:

**Primer:** Fresh Start® High-Hiding All Purpose Primer (K046) or Fresh Start® Multi-Purpose Latex Primer (F023)  
**Finish:** 1 or 2 coats ben® Exterior 100% Acrylic Low Lustre Finish (K542)

### Vinyl & Vinyl Composite Siding:

In most cases, a primer is not necessary. Only areas of pitted and porous vinyl siding must be primed. In these cases, we recommend Fresh Start® High-Hiding All Purpose Primer (K046), or Fresh Start® Multi-Purpose Latex Primer (F023).

**Colours that are safe for use on vinyl siding** – Do not paint vinyl with any colour darker than the original colour or having a Light Reflective Value (LRV) of less than 55 unless it is in the Benjamin Moore approved Colours for Vinyl palette and complies with the specific vinyl manufacturer guidelines when making the colour selection and painting. Otherwise, the colour will absorb more heat, possibly causing the siding to warp, resulting in additional repairs and expenses.

### Rough or Pitted Masonry:

**Primer:** Ultra Spec® Masonry Interior/Exterior Hi-Build Block Filler (K571)  
**Finish:** 1 or 2 coats ben® Exterior 100% Acrylic Low Lustre Finish (K542)

### Poured or Pre-cast Concrete and Fiber Cement Siding:

**Primer:** Fresh Start® Multi-Purpose Latex Primer (F023)  
**Finish:** 1 or 2 coats ben® Exterior 100% Acrylic Low Lustre Finish (K542)

### Ferrous Metal (Steel and Iron):

**Primer:** Ultra Spec HP® Acrylic Metal Primer (FP04) or Super Spec HP® Alkyd Metal Primer (KP06)  
**Finish:** 1 or 2 coats ben® Exterior 100% Acrylic Low lustre Finish (K542)

**Non-Ferrous Metal (Galvanized & Aluminum):** All new metal surfaces must be thoroughly cleaned with Corotech® Oil & Grease Emulsifier (V600) to remove contaminants. New shiny non-ferrous metal surfaces that will be subject to abrasion should be dulled with very fine sandpaper or a synthetic steel wool pad to promote adhesion

**Primer:** Ultra Spec HP® Acrylic Metal Primer (FP04)  
**Finish:** 1 or 2 coats ben® Exterior 100% Acrylic Low Lustre Finish (K542)

**Repaint, All Substrates:** Prime bare areas with the primer recommended for the substrate above.

## Application

Stir thoroughly before and during use. Apply one or two coats.

**Paint Application:** For best results, use a premium Benjamin Moore® custom-blended nylon/polyester brush, premium Benjamin Moore® roller, or a similar product. Apply paint generously from unpainted area into wet area. This product can also be sprayed. Refer to the chart below for application recommendations.

## Thinning/Clean up

Conditioning with Benjamin Moore® K518 Extender may be necessary under certain conditions to adjust open time or spray characteristics. The chart below is for general guidance		
	Mild conditions	Severe conditions
	Humid (RH> 50%) with no direct sunlight & with little to no wind	Dry (RH<50%), in direct sunlight, or windy conditions
<b>Brush:</b> Nylon / Polyester	No thinning necessary	Add <b>K518 Extender</b> or <b>water:</b>  Max of 236 ml (8 fl. oz.) to a 3.79 L  <b>Never add other paints or solvents.</b>
<b>Roller:</b> Premium Quality		
<b>Spray: Airless</b> Pressure: 1500 -2500 psi Tip: 0.013-0.017		

**Clean Up:** Clean up with warm soapy water. Spray equipment should be given a final rinse with mineral spirits to prevent rusting.

## Environmental Health & Safety Information

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  
PROTECT FROM FREEZING**

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