



# ULTRA SPEC<sup>®</sup> EXT GLOSS FINISH K449

## Features

- Exceptional film durability
- Exceptional hiding power
- Long lasting gloss
- Resistant to colour fading, blistering and alkali
- May be applied at temperatures down to 4.4 °C (40 °F)
- Easy to apply
- Rapid dry for quick recoating
- Specially formulated to resist mildew growth on the paint film.
- Low VOC in any colour

## General Description

A professional quality 100% acrylic exterior gloss finish which features excellent hiding, film durability and colour retention. Fast-dry formula allows for quick re-coating as well as low temperature application.

## Recommended For

Recommended for wood, hardboard, vinyl, aluminum and fibre cement sidings; unglazed brick, concrete, stucco, cinder block, and primed metal.

## Limitations

- Do not apply when air and surface temperatures are below 4.4 °C (40 °F).
- Not for interior use.

## Product Information

Colours — Standard:	Technical Data <sup>◇</sup>	Pastel Base
White (01)  (May be tinted with up to 2.0 fl. oz. of Benjamin Moore <sup>®</sup> Gennex <sup>®</sup> colorants per 3.79 L.)	Vehicle Type	100% Acrylic
<b>— Tint Bases:</b> Benjamin Moore <sup>®</sup> Gennex <sup>®</sup> bases 1X, 2X, 3X & 4X	Pigment Type	Titanium Dioxide
<b>— Special Colors:</b> Contact your Benjamin Moore representative	Volume Solids	37.8 ± 2%
<b>Certifications &amp; Qualifications:</b> <b>VOC compliant in all regulated areas</b>  Water vapor permeance (breathability) ASTM D1693: 48.98 perms  Master Painters Institute MPI # 11	Coverage per 3.79 L at Recommended Film Thickness	32.5 – 41.8 sq. m. (350 – 450 sq. ft)
<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>	Recommended Film Thickness	– Wet 4.0 mils – Dry 1.5 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 1 Hour – To Recoat 4 Hours
	Painted surfaces can be washed after two weeks. High humidity and cool temperatures will result in longer dry, recoat and service times.	
	Dries By	Evaporation, Coalescence
	Viscosity	96 ± 2 KU
	Flash Point	None
	Gloss / Sheen	Gloss (35-45 @ 60°)
	Surface Temperature at Application	– Min. 4.4 °C (40 °F) – Max. 32 °C (90 °F)
	Thin With	See Chart
	Clean Up Thinner	Clean Water
	Weight Per 3.79 L	4.7 kg (10.3 lbs)
	Storage Temperature	– Min. 4.4 °C (40 °F) – Max. 32 °C (90 °F)
	<b>Volatile Organic Compounds (VOC)</b>	
	46 g/L	

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

## Ultra Spec® EXT Gloss Finish K449

### 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 - Multi-Purpose Cleaner (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 - Multi-Purpose Cleaner (K318) prior to coating the surface. **Caution:** Refer to the (K318) technical data and material safety data sheets for instructions on its proper use and handling.

All new masonry surfaces must be power washed or brushed thoroughly with stiff fibre 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 or Architectural Representative 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:** Ultra Spec® EXT latex Primer (K558), Fresh Start® Multi-Purpose Latex Primer (F023) or Fresh Start® Exterior Wood Primer (K094)

**Finish:** 1 or 2 coats Ultra Spec® EXT Gloss Finish (K449)

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

**Primer:** Fresh Start® Exterior Wood Primer (K094), Fresh Start® Multi-Purpose Oil Based Primer (F024) or 1-2 coats of Fresh Start® High-Hiding All Purpose Primer (K046) may be used

**Finish:** 1 or 2 coats Ultra Spec® EXT Gloss Finish (K449)

#### Hardboard Siding, Bare or Factory Primed

**Primer:** Ultra Spec® EXT latex Primer (K558)

**Finish:** 1 or 2 coats Ultra Spec® EXT Gloss Finish (K449)

#### Vinyl & Vinyl Composite Siding

**Note:** Ensure that the surface is properly cleaned and in good condition. For colours that are safe for use on these substrates, use approved Vinyl Select colours. For more information, see <http://www.benjaminmoore.com/en-ca/for-contractors/painting-vinyl-and-aluminum-siding>

**Primer:** Fresh Start® Multi-Purpose Latex Primer (F023)

**Finish:** 1 or 2 coats Ultra Spec® EXT Gloss Finish (K449)

#### Rough or Pitted Masonry

**Primer:** Ultra Spec® Masonry Interior/Exterior Hi-Build Block Filler (K571)

**Finish:** 1 or 2 coats Ultra Spec® EXT Gloss Finish (K449)

#### Poured or Pre-cast Concrete and Fibre Cement Siding

**Primer:** Ultra Spec® Masonry Interior / Exterior 100% Acrylic Masonry Sealer (K608) or Fresh Start® Multi-Purpose Latex Primer (F023)

**Finish:** 1 or 2 coats Ultra Spec® EXT Gloss Finish (K449)

#### Ferrous Metal (Steel and Iron)

**Primer:** Ultra Spec® HP Acrylic Metal Primer (FP04) or Super Spec HP® Alkyl Metal Primer (KP06)

**Finish:** 1 or 2 coats Ultra Spec® EXT Gloss Finish (K449)

#### 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 Ultra Spec® EXT Gloss Finish (K449)

**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.

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 or water:</b>  Max of 240 ml (8 fl. oz.) to a 3.79 L of paint  <b>Never add other paints or solvents.</b>
<b>Roller:</b> Premium Quality		
<b>Spray:</b> Airless Pressure: 1,500 – 2,500 psi Tip: .011-.015		

### Thinning/Clean up

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

USE COMPLETELY OR DISPOSE OF PROPERLY. Dry empty containers may be recycled in a can recycling program. Local disposal requirements vary; consult your sanitation department or provincial environmental agency on disposal options.

### 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**