



ULTRA SPEC[®] MASONRY ACRYLIC LATEX SATIN - FIL 452

Features

- Beautiful and decorative satin finish
- Easy one-coat spray application.
- Withstands washing and scrubbing
- Fills small cracks and voids in concrete, cinder block, and rough masonry
- Fast drying

Recommended For

- For interior and exterior surfaces of cinder block, poured/pre-cast concrete, brick and other masonry structures. May also be used on interior plaster and wallboard.

General Description

Formulated to fill, seal, and finish in one application. Interior and exterior surfaces of cured cinder block, poured / pre-cast concrete, brick and other masonry structures, and incidental primed metal and wood. May be used on interior wallboard and cured plaster.

Limitations

- Do not apply when air and surface temperatures are below 50 °F (10 °C).

Product Information

<p>Colors — Standard: White (01)</p> <p>(May be tinted with up to 2 fl. oz. of Benjamin Moore[®] Gennex[®] colorants per Gallon.)</p>	<table border="1"> <thead> <tr> <th colspan="2">Technical Data</th> <th>White</th> </tr> </thead> <tbody> <tr> <td>Vehicle Type</td> <td colspan="2">Acrylic Blended Latex</td> </tr> <tr> <td>Pigment Type</td> <td colspan="2">Titanium Dioxide</td> </tr> <tr> <td>Volume Solids</td> <td colspan="2">41%</td> </tr> <tr> <td>Coverage per gallon at Recommended Film Thickness (Cinder Block)</td> <td colspan="2">150 – 200 sq. ft.</td> </tr> <tr> <td>Theoretical Coverage per Gallon</td> <td>Cinder Block</td> <td>150 – 200 sq. ft.</td> </tr> <tr> <td></td> <td>Concrete</td> <td>200 – 250 sq. ft.</td> </tr> <tr> <td></td> <td>Plaster /Drywall</td> <td>250 – 300 sq. ft.</td> </tr> <tr> <td>Recommended Film Thickness (Cinder Block)</td> <td>– Wet</td> <td>8 – 11 mils</td> </tr> <tr> <td></td> <td>– Dry</td> <td>3.4 – 4.5 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 color uniformity and minimize the disposal of excess paint.</td> </tr> <tr> <td>Dry Time @ 77 °F (25 °C) @ 50% RH</td> <td>– To Touch</td> <td>1 – 2 Hours</td> </tr> <tr> <td></td> <td>– To Recoat</td> <td>2 – 3 Hours</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 colspan="2">Evaporation, Coalescence</td> </tr> <tr> <td>Viscosity</td> <td colspan="2">120 ± 3 KU</td> </tr> <tr> <td>Flash Point</td> <td colspan="2">None</td> </tr> <tr> <td>Gloss / Sheen</td> <td colspan="2">Satin (30 – 35 @ 60°)</td> </tr> <tr> <td>Surface Temperature at Application</td> <td>– Min.</td> <td>50 °F</td> </tr> <tr> <td></td> <td>– Max</td> <td>100 °F</td> </tr> <tr> <td>Thin With</td> <td colspan="2">Clean Water</td> </tr> <tr> <td>Clean Up Thinner</td> <td colspan="2">Clean Water</td> </tr> <tr> <td>Weight Per Gallon</td> <td colspan="2">10.4 lbs</td> </tr> <tr> <td>Storage Temperature</td> <td>– Min.</td> <td>40 °F</td> </tr> <tr> <td></td> <td>– Max</td> <td>90 °F</td> </tr> <tr> <td colspan="3" style="text-align: center;">Volatile Organic Compounds (VOC)</td> </tr> <tr> <td></td> <td>41.9 Grams/Liter</td> <td>.35 Lbs./Gallon</td> </tr> </tbody> </table>	Technical Data		White	Vehicle Type	Acrylic Blended Latex		Pigment Type	Titanium Dioxide		Volume Solids	41%		Coverage per gallon at Recommended Film Thickness (Cinder Block)	150 – 200 sq. ft.		Theoretical Coverage per Gallon	Cinder Block	150 – 200 sq. ft.		Concrete	200 – 250 sq. ft.		Plaster /Drywall	250 – 300 sq. ft.	Recommended Film Thickness (Cinder Block)	– Wet	8 – 11 mils		– Dry	3.4 – 4.5 mils	Depending on surface texture and porosity. Be sure to estimate the right amount of paint for the job. This will ensure color uniformity and minimize the disposal of excess paint.			Dry Time @ 77 °F (25 °C) @ 50% RH	– To Touch	1 – 2 Hours		– To Recoat	2 – 3 Hours	High humidity and cool temperatures will result in longer dry, recoat and service times.			Dries By	Evaporation, Coalescence		Viscosity	120 ± 3 KU		Flash Point	None		Gloss / Sheen	Satin (30 – 35 @ 60°)		Surface Temperature at Application	– Min.	50 °F		– Max	100 °F	Thin With	Clean Water		Clean Up Thinner	Clean Water		Weight Per Gallon	10.4 lbs		Storage Temperature	– Min.	40 °F		– Max	90 °F	Volatile Organic Compounds (VOC)				41.9 Grams/Liter	.35 Lbs./Gallon
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<p>Technical Assistance Available through your local authorized independent Benjamin Moore retailer. For the location of the retailer nearest you, call 1-866-708-9180 or visit www.benjaminmoore.com</p>																																																																																		

◊Reported values are for White. Contact Benjamin Moore for values of other bases or colors.

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 (N318) 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 (N318) prior to coating the surface. **Caution:** Refer to the (N318) Clean 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 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, 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. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Informational Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

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 color change is desired. **Special Note:** Certain custom colors require a Deep Color Base Primer tinted to a special prescription formula to achieve the desired color. Consult your retailer.

Drywall:

Primer/Finish: 1 or 2 coats Ultra Spec® Acrylic Latex Satin-Fil (452)

Wood and engineered wood products:

Interior Primer: Ultra Spec® 500 Interior Latex Primer (N534) or

Fresh Start® Multi-Purpose Latex Primer (N023)

Exterior Primer: Fresh Start® Multi-Purpose Latex Primer (N023) or

Fresh Start® Multi-Purpose Oil Based Primer (024)

Finish: Ultra Spec® Acrylic Latex Satin-Fil (452)

Bleeding Type Woods, (Redwood and Cedar):

Interior Primer: Fresh Start® Multi-Purpose Oil Based Primer (024)

or Fresh Start® High-Hiding All Purpose Primer (046)

Exterior Primer: Fresh Start® Exterior Wood Primer (094) or Fresh Start® High-Hiding All Purpose Primer (046)

Finish: Ultra Spec® Acrylic Latex Satin-Fil (452)

Rough or Pitted Masonry:

Primer/Finish: 1 or 2 coats Ultra Spec® Acrylic Latex Satin-Fil (452)

Poured or Pre-cast Concrete:

Primer/Finish: 1 or 2 coats Ultra Spec® Acrylic Latex Satin-Fil (452)

Ferrous Metal (Steel and Iron):

Primer: Ultra Spec® HP Acrylic Metal Primer (HP04) or Super Spec HP® Alkyd Metal Primer (P06)

Finish: 1 or 2 coats Ultra Spec® Acrylic Latex Satin-Fil (452)

Non-Ferrous Metal (Galvanized & Aluminum): All new metal surfaces must be thoroughly cleaned with Oil & Grease Emulsifier Corotech® 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 (HP04)

Finish: 1 or 2 coats Ultra Spec® Acrylic Latex Satin-Fil (452)

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

Application

Stir thoroughly before use. Apply one or two coats. For best results, use a Benjamin Moore® Professional custom-blended nylon-polyester brush, Benjamin Moore® Professional roller, or a similar product. This product can also be sprayed.

Spray, Airless: Fluid Pressure: 1,500 to 3,000 PSI
Tip: .017 - .019 Orifice; Filter: 60 mesh

Conditioning with Benjamin Moore® 518 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
Brush: Nylon / Polyester	No thinning necessary	Add 518 Extender or water: Max of 8 fl. oz. to a gallon of paint Never add other paints or solvents.
Roller: Premium Quality 3/8" roller cover		
Spray: Airless Pressure: 1500 -3000 psi Tip: 0.017-0.019		

Thinning/Clean up

Thinning is unnecessary, but if required to obtain desired application properties, a small amount of clean water may be added. Never add other paints or solvents.

Clean brushes, rollers and other painting tools in warm soapy water after use. 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 with adequate ventilation. Do not breathe spray mist or sanding dust. Ensure fresh air entry during application and drying. Avoid contact with eyes and prolonged or repeated contact with skin. Wear an appropriate, properly fitted respirator (NIOSH approved) during application, sanding, and clean-up. Follow respirator manufacturer's directions for respirator use. Close container after each use. Wash thoroughly after handling.



WARNING Cancer and Reproductive Harm—
www.P65warnings.ca.gov

FIRST AID: In case of eye contact, flush immediately with plenty of water for at least 15 minutes; for skin, wash thoroughly with soap and water. If symptoms persist, seek medical attention. If you experience difficulty breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately.

IN CASE OF SPILL – Absorb with inert material and dispose of as specified under "Clean Up".

**KEEP OUT OF REACH OF CHILDREN
PROTECT FROM FREEZING**

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