



# 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

## 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.

## 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.

## Limitations

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

Product Information																																																																
<p><b>Colors: —Standard:</b> 452 01 White. (May be tinted with up to 2 fl. oz. of Benjamin Moore® Gennex® colorants per Gallon.)</p> <p><b>—Tint Bases:</b> Not Available</p> <p><b>—Special Colors:</b> Contact your Benjamin Moore Representative</p> <p><b>Certification:</b> <b>Voc compliant in all regulated areas</b></p>	<p><b>Technical Data</b></p> <table border="1"> <thead> <tr> <th colspan="2"></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</td> <td colspan="2">400 – 475 sq. ft. (37.1 – 44.1 sq. m.)</td> </tr> <tr> <td>Theoretical Coverage per Gallon</td> <td>Cinder Block Concrete Plaster /Drywall</td> <td>40-60 sq ft 100-150 sq. ft 120-200 sq. ft</td> </tr> <tr> <td>Recommended Film Thickness</td> <td>– Wet – Dry</td> <td>12.2 mils 5.0 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 – To Recoat</td> <td>1-2 Hours 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°F</td> </tr> <tr> <td>Surface Temperature at Application</td> <td>– Min. – Max</td> <td>50°F 90°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. – Max</td> <td>40°F 90°F</td> </tr> <tr> <td colspan="3"><b>Volatile Organic Compounds (VOC)</b></td> </tr> <tr> <td colspan="2">32 Grams/Liter</td> <td>.26 Lbs./Gallon</td> </tr> </tbody> </table>			White	Vehicle Type	Acrylic Blended Latex		Pigment Type	Titanium Dioxide		Volume Solids	41%		Coverage per gallon at Recommended Film Thickness	400 – 475 sq. ft. (37.1 – 44.1 sq. m.)		Theoretical Coverage per Gallon	Cinder Block Concrete Plaster /Drywall	40-60 sq ft 100-150 sq. ft 120-200 sq. ft	Recommended Film Thickness	– Wet – Dry	12.2 mils 5.0 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 – To Recoat	1-2 Hours 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°F		Surface Temperature at Application	– Min. – Max	50°F 90°F	Thin With	Clean Water		Clean Up Thinner	Clean Water		Weight Per Gallon	10.4 lbs		Storage Temperature	– Min. – Max	40°F 90°F	<b>Volatile Organic Compounds (VOC)</b>			32 Grams/Liter		.26 Lbs./Gallon
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<p><b>Technical Assistance:</b> Available through your local authorized independent Benjamin Moore® retailer. For the location of the retailer nearest you, call 1-800-826-2623, see <a href="http://www.benjaminmoore.com">www.benjaminmoore.com</a>, or consult your local Yellow Pages.</p>	<div style="border: 1px solid green; padding: 5px; text-align: center;"> <p><b>Qualifies for LEED® Credit (INTERIOR NON-FLAT)</b></p> </div>																																																															

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

## Ultra Spec® Masonry Acrylic Latex Satin – Fil 452

### 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 (318) 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 (318) prior to coating the surface. **Caution:** Refer to the (318) 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. Carefully clean up 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 Information Hotline at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://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.

#### Wood and engineered wood products:

**Interior Primer:** Super Spec® Latex Enamel Undercoater (253) or Fresh Start® Alkyd Enamel Underbody (217)

**Exterior Primer:** Super Spec® Exterior Latex Primer (169) or Super Spec® Exterior Alkyd Primer (176)

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

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

**Interior Primer:** Fresh Start® Alkyd Enamel Underbody (217)

**Exterior Primer:** Super Spec® Exterior Alkyd Primer (176)

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

#### Rough or Pitted Masonry:

**Primer:** Not required

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

#### Poured or Pre-cast Concrete:

**Primer:** Not required

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

#### Ferrous Metal (Steel and Iron):

**Primer:** Super Spec HP® Acrylic Metal Primer (P04) 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:** Super Spec HP® Acrylic Metal Primer (P04)  
**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
<b>Brush:</b> 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.
<b>Roller:</b> Premium Quality 3/8" roller cover		
<b>Spray: Airless</b> 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:** This product contains a chemical known to the state of California to cause cancer and birth defects, or other reproductive harm.

**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  
FOR PROFESSIONAL USE ONLY**

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

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