Benjamin Moore®

Ultra Spec® 500
Interior Latex Primer
N534

Features
- Excellent hiding
- Spatter resistant
- Zero VOC
- Low odor
- Qualifies for LEED® v4 credit

General Description
A professional-quality interior waterborne primer based on a proprietary acrylic resin. It qualifies for LEED® v4 credit and passes the most stringent environmental standards.

Recommended For
Interior wall and ceiling surfaces in commercial and institutional environments. For new or previously painted interior wallboard, cured masonry, cured plaster and non-bleeding woods. Also can be used on primed or previously painted metal in addition to under wallcoverings for easy positioning and removal.

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

Product Information

Colors — Standard:
White (00)
May be tinted with up to 2.0 fl. oz. of Benjamin Moore® Gennex® colorants per gallon.

— Special Colors:
Contact your Benjamin Moore representative.

Certifications & Qualifications:
VOC compliant in all regulated areas
Zero VOC
Class A (0-25) over non-combustible surfaces when tested in accordance with ASTM E-84
Master Painter Institute MPI # 50, 50 X-Green™, 149, 149 X-Green™
Water Vapor Transmission: ASTM D1653 (method A): 17.5 perms

Technical Data (White)

Vehicle Type
Acrylic Copolymer

Pigment Type
Titanium Dioxide

Volume Solids
30 ± 2%

Coverage per Gallon at Recommended Film Thickness
350 – 400 sq. ft

Recommended Film Thickness
- Wet: 4.3 mils
- Dry: 1.4 mils

Dries By
Coalescence

Viscosity
93 ± 3 KU

Flash Point
N/A

Gloss / Sheen
Flat (3 – 8 @ 85°)

Surface Temperature at Application
- Min.: 50 °F
- Max.: 90 °F

Thin With
See Chart

Clean Up Thinner
Clean Water

Weight Per Gallon
11.64 lbs.

Storage Temperature
- Min.: 40 °F
- Max.: 90 °F

Volatile Organic Compounds (VOC)

0 Grams/Liter 0 Lbs./Gallon

Zero VOC post tint (any color)

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

Benjamin Moore’s Green Promise® designation is our company’s assurance that this product meets – and often exceeds – rigorous environmental and performance criteria regarding VOCs, emissions, application, washability, scrubability and packaging, while also delivering the premium levels of performance you expect from Benjamin Moore.

Qualifies for LEED® v4 Credit
YES

CDPH v1 Emission Certified
YES

Qualifies for CHPS low emitting credit (Collaborative for High Performance Schools)
YES

VOC (in any color)
0 g/L

This Benjamin Moore product has been tested by independent third parties and meets or exceeds the published chemical restriction and performance criteria of the Green Seal™ GS-11 2015 standard.

Cradle to Cradle Certified™ Silver

Surface Preparation

Surfaces to be painted must be clean, dry, and free of dirt, dust, grease, oil, soap, wax, scaling paint and sand these areas to feather edges smooth with adjacent surfaces. Glossy areas should be dulled. Drywall surfaces must be free of sanding dust.

New plaster or masonry surfaces must be allowed to cure 30 days before applying base coat. Cured plaster should be hard, have a slight sheen and maximum pH of 10; soft, porous or powdery plaster indicates improper cure. Never sand a plaster surface; knife off any protrusions and prime plaster before and after applying patching compound. 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. Remove any powder or loose particles before priming. Wood substrates must be thoroughly dry.

Difficult Substrates: Benjamin Moore offers a variety of specialty primers for use over difficult substrates such as bleeding woods, grease stains, 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. Certain custom colors require a Deep Color Base Primer tinted to a special prescription formula to achieve the desired color. Consult your retailer or a Benjamin Moore representative.

Wood, and engineered wood products:
Primer: Ultra Spec® 500 Interior Latex Primer (N534) or Fresh Start® Multi-Purpose Oil Based Primer (024)
Finish: 1 or 2 coats of the Ultra Spec® 500 interior finish of your choice.
Drywall:
Primer: Ultra Spec® 500 Interior Latex Primer (N534)
Finish: 1 or 2 coats of the Ultra Spec® 500 interior finish of your choice.
Plaster (Cured):
Primer: Ultra Spec® 500 Interior Latex Primer (N534) or Fresh Start® Multi-Purpose Latex Primer (N023)
Finish: 1 or 2 coats of the Ultra Spec® 500 interior finish of your choice.
Rough or Pitted Masonry:
Primer: Ultra Spec® Masonry Interior/Exterior Hi-Build Block Filler (571)
Finish: 1 or 2 coats of the Ultra Spec® 500 interior finish of your choice.
Smooth Poured or Precast Concrete:
Primer: Ultra Spec® Masonry Interior / Exterior 100% Acrylic Masonry Sealer (608)
Finish: 1 or 2 coats of the Ultra Spec® 500 interior finish of your choice.
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 of the Ultra Spec® 500 interior finish of your choice.
Non-Ferrous Metal (Galvanized & Aluminum):
All new metal surfaces must be thoroughly cleaned with an 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 of the Ultra Spec® 500 interior finish of your choice.
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.

| 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 |
| Brush: | Dry (RH<50%), in direct sunlight, or windy conditions |
| Nylon / Polyester | Add 518 Extender or water: |
| Roller: | No thinning necessary |
| Premium Quality 3/8” roller cover | Max of 8 fl. oz. to a gallon of paint |
| Spray: Airless | Never add other paints or solvents. |
| Pressure: 1500 -2500 psi Tip: 0.013-0.017 |

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.

Cleanup: Use soap and water. Spray equipment should be given a final rinse with mineral spirits to prevent corrosion.

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 state-designated 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. Avoid exposure to dust and spray mist by wearing a NIOSH approved respirator 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.