ULTRA SPEC® 500
INTERIOR FLAT FINISH
N536

Features

- Zero VOC
- Excellent hiding
- Low odor
- Great touch up
- Spatter resistant
- Decorative and uniform flat finish
- Washable
- Quick dry
- Easy application
- Soap and water clean up
- Superior flow and leveling
- Eligible for LEED® v4 credit

General Description

A professional-quality interior waterborne flat finish based on a proprietary cross-linking acrylic resin that tints on the Gennex® zero VOC colorant system. This waterborne interior flat provides a decorative flat finish that is eligible for LEED® v4 credit and passes the most stringent environmental standards in any color. Because they tint on our Gennex® waterborne colorant system all Ultra Spec® 500 finishes are available in any color without an increase in VOC.

Recommended For

Low abuse interior wall and ceiling surfaces in commercial and institutional environments where flat finish is desired. For new or previously painted interior wallboard, masonry, and primed or previously painted plaster, wood or metal.

Limitations

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

Product Information

Colors — Standard:
White (01)

— Tint Bases:
Benjamin Moore® Gennex® Bases 1X, 2X, 3X, & 4X

— 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 Painters Institute MPI # 53, 53 X-Green™, 142, 143, 143 X-Green™

Anti-microbial - This product contains antimicrobial additives that inhibit the growth of mold and mildew on the surface of the paint film.

Benjamin Moore's green promise®

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, scrubbability and packaging, while also delivering the premium levels of performance you expect from Benjamin Moore.

Eligible for LEED® v4 Credit	CDPH v1 Emissions Certified	Qualifies for CHPS low emitting credit (Collaborative for High Performance Schools)	VOC (in any color)
YES	YES	YES	< 50 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**

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

Technical Data◊		White
Vehicle Type		Acrylic Copolymer
Pigment Type		Titanium Dioxide
Volume Solids		41 ± 2%
Coverage per Gallon at Recommended Film Thickness		350 – 400 sq. ft.
Recommended Film Thickness	– Wet	4.3 mils
	– Dry	1.8 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 Hour
	– To Recoat	2-3 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		Coalescence
Viscosity		93 ± 3 KU
Flash Point		N/A
Gloss / Sheen		Flat (1.5 – 3.5 @ 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 base and any color)

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

Surface Preparation

Surfaces to be painted must be clean, dry, and free of dirt, dust, grease, oil, soap, wax, scaling paint, water-soluble materials, and mildew. Remove any peeling or 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 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.

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:
Primer: Ultra Spec® 500 Interior Latex Primer (N534) or Fresh Start® Multi-Purpose Oil Based Primer (024)
Finish: 1 or 2 coats Ultra Spec® 500 Interior Flat Finish (N536)

Drywall:
Primer: Ultra Spec® 500 Interior Latex Primer (N534) or this product.
Finish: 1 or 2 coats Ultra Spec® 500 Interior Flat Finish (N536)

Plaster (Cured):
Primer: Ultra Spec® 500 Interior Latex Primer (N534) or Fresh Start® Multi-Purpose Latex Primer (N023)
Finish: 1 or 2 coats Ultra Spec® 500 Interior Flat Finish (N536)

Rough or Pitted Masonry:
Primer: Ultra Spec® Masonry Interior/Exterior Hi-Build Block Filler (571)
Finish: 1 or 2 coats Ultra Spec® 500 Interior Flat Finish (N536)

Smooth Poured or Precast Concrete:
Primer: Ultra Spec® Masonry Interior / Exterior 100% Acrylic Masonry Sealer (608)
Finish: 1 or 2 coats Ultra Spec® 500 Interior Flat Finish (N536)

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® 500 Interior Flat Finish (N536)

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 Ultra Spec® 500 Interior Flat Finish (N536)

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**
	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: 1500-2500 psi Tip: 0.015-0.017		

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.

Clean up: 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

WARNING: This product contains isothiazolinone compounds at levels of <0.1%. These substances are biocides commonly found in most paints and a variety of personal care products as a preservative. Certain individuals may be sensitive or allergic to these substances, even at low levels.

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.

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