ULTRA SPEC® 500
INTERIOR FLAT FINISH
K536

Features

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

General Description

A professional-quality interior waterborne flat finish based on a proprietary acrylic resin that tints on the Gennex® zero VOC colorant system. This waterborne interior flat provides a decorative flat finish that qualifies for LEED® v4 credit and passes the most stringent environmental standards in any colour. Because they tint on our Gennex® waterborne colorant system all Ultra Spec® 500 finishes are available in any colour 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 10 °C (50 °F)

Product Information

Colours — Standard:
White (01)

— Tint Bases:
Bases 1X, 2X, 3X, & 4X
Tint bases **only** with Benjamin Moore® Gennex® Waterborne colorant.

— Special Colours:
Contact your Benjamin Moore representative

Certification:
VOC compliant in all regulated areas
Zero VOC according to EPA Method 24
Master Painters Institute MPI # 53, 53 X-Green™, 143, 143 X-Green™
Class A (0-25) over non-combustible surfaces when tested in accordance with ASTM E-84

Benjamin Moore's green promise®

COLLABORATIVE FOR HIGH PERFORMANCE SCHOOLS. CHPS

Required parameters are missing or incorrect.

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.

LEED® v4	CHPS (Collaborative for High Performance Schools)	MPI Green Performance™	VOC (in any colour)
YES	YES	YES	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 included in the standard shown below.

Green Seal™ GS-11 2010

Customer Information Centre:
1-800-361-5898, info@benjaminmoore.ca, www.benjaminmoore.ca

Technical Data◊		White
Vehicle Type		Acrylic Copolymer
Pigment Type		Titanium Dioxide
Volume Solids		41 ± 2%
Coverage per 3.79 L at Recommended Film Thickness		32.5 – 37.1 sq. m. (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 colour uniformity and minimize the disposal of excess paint		
Dry Time @ 25 °C (77 °F) @ 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 @ 85º)
Surface Temperature at Application	– Min.	10 °C (50 °F)
	– Max.	32.2 °C (90 °F)
Thin With		See Chart
Clean Up Thinner		Clean Water
Weight Per 3.79 L		5.28 kg (11.64 lbs)
Storage Temperature	– Min.	4.4 °C (40 °F)
	– Max.	32.2 °C (90 °F)

Volatile Organic Compounds (VOC)

0 g/L

Zero VOC post tint (any base and any colour)

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

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, 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 logging onto Health Canada @ http://www.hc-sc.gc.ca/ewh-semt/contaminants/lead-plomb/asked_questions-questions_posees-eng.php

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® 500 Interior Latex Primer (K534) or Fresh Start® All-Purpose Alkyd Primer (K024)
Finish: 1 or 2 coats Ultra Spec® 500 Interior Flat Finish (K536)

Drywall
Primer: Ultra Spec® 500 Interior Latex Primer (K534) or this product.
Finish: 1 or 2 coats Ultra Spec® 500 Interior Flat Finish (K536)

Plaster
Primer: Fresh Start® Multi-Purpose Latex Primer (F023) or Fresh Start® High-Hiding All Purpose Primer (K046)
Finish: 1 or 2 coats Ultra Spec® 500 Interior Flat Finish (K536)

Rough or Pitted Masonry
Primer: Ultra Spec® Masonry Interior/Exterior Hi-Build Block Filler (K571)
Finish: 1 or 2 coats Ultra Spec® 500 Interior Flat Finish (K536)

Smooth Poured or Precast Concrete
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® 500 Interior Flat Finish (K536)

Ferrous Metal (Steel and Iron)
Primer: Ultra Spec® HP Acrylic Metal Primer (FP04) or Super Spec HP® Alkyd Metal Primer (KP06)
Finish: 1 or 2 coats Ultra Spec® 500 Interior Flat Finish (K536)

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® 500 Interior Flat Finish (K536)

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® 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
Brush: Nylon / Polyester	No thinning necessary	Add **K518 Extender** or **water:** Max of 236 ml to a 3.79 L of paint **Never add other paints or solvents.**
Roller: Premium Quality 10 mm roller cover		
Spray: Airless Pressure: 1,800 -3,000 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 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.

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