



Ultra Spec® 500

Interior Flat Finish
T535

Features

- Low odour
- Great touch-up
- Spatter resistant
- Excellent hide
- Quick dry
- Washable

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 lime or natural plaster, wood or metal.

General Description

A professional-quality interior waterborne flat finish based on a proprietary cross-linking acrylic resin. This waterborne interior flat provides a decorative flat finish that is eligible for LEED® v4 credit. It has a water vapour permeance rating of class V2 (medium) under ISO 7783 when applied over interior plaster and masonry. This allows for controlled vapour diffusion, to help avoid moisture entrapment, blistering and mould.

Limitations

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

Product Information		Technical data for base 1	
Standard Colours	White (01)	Vehicle Type	Acrylic Copolymer
Tint Bases	1X, 2X, 3X and 4X	Pigment Type	Titanium Dioxide
Colorant System	Gennex® Waterborne Colorants	Volume Solids	41 ± 2%
Certifications & Qualifications:		Coverage per 3.78 L at	37.2 – 41.8 sq. m.
		Recommended Film Thickness	(400 – 450 sq. ft.)
Eligible for LEED® v4 ✓ CDPH Emissions Certified ✓ Eligible for CHPS low emitting credit ✓ Benjamin Moore's Green Promise® ✓ MPI 53, 53 X-Green™, 143, 143 X-Green™		Recommended Film Thickness	– Wet 90.5 – 101.9 µm (3.6 – 4.0 mils)
ISO 7783:2019 Vapour Permeability = V2 Medium <ul style="list-style-type: none"> • sD (m) 0.182 • Water vapour transmission rate V (g/m2 · day) – 112.59 		– Dry	37.1 – 41.8 µm (1.5 – 1.6 mils)
Class A (0-25) over non-combustible surfaces when tested in accordance with ASTM E-84.		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.	
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.		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.	
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.		Dries By	Evaporation
		Viscosity	94 ± 4 KU
		Flash Point	None
		Gloss / Sheen	0 – 2.5 @ 85°
		Surface Temperature at Application	– Min. 10 °C (50 °F) – Max. 32.2 °C (90 °F)
		Thin With	Refer to page 2
		Clean Up	Soap & Water
		Weight Per 3.78 L	5.1 kg (11.4 lbs.)
		Storage Temperature	– Min. 4.4 °C (40 °F) – Max. 32.2 °C (90 °F)
		Volatile Organic Compounds (VOC)	
		EU limit for this product is (Cat.A/a) 30 g/L Max VOC 0.5 g/L	
		* VOC stands for volatile organic compound and is measured in accordance with EU directive 2004/42/EC.	
Technical Assistance			
Available in the UK through Benjamin Moore UK showrooms and Authorized Stockists. See www.benjaminmoorepaint.co.uk/stores for contact information.			
Benjamin Moore corporate customer service +1 855-724-6802 or info@benjaminmoore.com			

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 lime or natural plaster or masonry surfaces must be allowed to cure (30 days) before painting. 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. Follow plaster manufacturer's guidelines for drying and finishing. 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 number 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.

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: Self-priming

Bleeding woods such as cedar and redwood:

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

Drywall:

Primer: Self-priming

Cured Plaster (lime or natural):

Primer: Ultra Spec® Interior Primer 534 or Fresh Start® High-Hiding All Purpose Primer (046)

Rough or Pitted Masonry

Primer: Ultra Spec® Masonry Interior/Exterior Hi-Build Block Filler (571) or equivalent.

Smooth Poured or Precast Concrete

Primer: Self-priming

Ferrous Metal (steel & Iron)

Primer: The appropriate metal primer

Non-Ferrous Metal (galvanized & aluminum)

All new metal surfaces must be thoroughly cleaned with an oil & grease emulsifier 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: An acrylic metal primer

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

Benjamin Moore & Co. warrants satisfactory results if used according to label directions. This warranty is made to the original residential consumer paint purchaser. This warranty is non-transferable. If not satisfied return the unused portion to place of purchase with sales receipt. Material will be replaced like for like or purchase price will be refunded. Since we have no control over surface preparation or application, THIS WARRANTY DOES NOT INCLUDE THE COST OF LABOUR FOR APPLICATION OF PAINT NOR ASSOCIATED COSTS OF MATERIALS AND EQUIPMENT. BENJAMIN MOORE SHALL IN NO EVENT BE LIABLE FOR INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.

Application

Stir thoroughly before and during use. Apply one or two coats. For best results, use a premium Benjamin Moore® custom-blended nylon/polyester brush, premium Benjamin Moore® roller, or a similar product. Apply paint generously from unpainted area into wet area. This product can also be sprayed.

Brush: Nylon / Polyester

Roller: 10 mm Roller Cover

Spray, Airless:

Pressure / 1,500 – 2,500 PSI

Tip / 0.013 – 0.017

Thinning/Clean Up

Conditioning with Benjamin Moore® 518 Extender may be necessary under certain conditions to adjust open time or spray characteristics.

Add U518 Extender or water - Max of 236 mL to a can of 3.78 L

Never add other paints or solvents.

Clean Up: Wash painting tools in warm soapy water immediately after use. Spray equipment should be given a final rinse with mineral spirits to prevent rusting.

WARNING Contains 2-Methyl-4-isothiazolin-3-one

Hazard statements

May cause an allergic skin reaction. Contains (1,2-Benzisothiazolin-3-one). May produce an allergic reaction.

Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist

Precautionary Statements - EU (§28, 1272/2008)

Avoid breathing dust/fume/gas/mist/vapors/spray. Wear protective gloves. Specific treatment (see supplemental first aid instructions on this label). If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. Dispose of contents/container to an approved waste disposal plant.

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 **Thinning/Clean up**.

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

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