



NATURA[®]

INTERIOR WATERBORNE PAINT

FLAT 512

Features

- Virtually odorless
- Zero VOC's
- Quick return to service
- 100% Acrylic
- Self priming on most surfaces
- Spatter-resistant
- Dries quickly to a beautiful, washable, and uniform flat finish

General Description

Natura[®] Interior Waterborne Flat (512) is a premium quality, zero VOC paint that provides a durable, washable and fade-resistant finish. Natura[®] Interior Waterborne Flat (512) is ideally suited for residential applications. It does not have the odor of conventional paints that contain ingredients known as Volatile Organic Compounds (VOC's).

Recommended For

New or previously painted interior wallboard, plaster and masonry, as well as primed or previously painted wood and metal. Provides a beautiful flat finish on walls and ceilings.

Limitations

- Do not paint when temperature of air and surface is 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.

Certification:

VOC compliant in all regulated areas

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



The Green Promise[®] designation means that this product has been tested by independent third parties and meets or exceeds each standard shown in the first row of the following chart.

LEED [®]	CHPS (Collaborative for High Performance Schools)	MPI Green Performance [™]	VOC (in any color)
YES	YES	YES	0 g/L

Products that have the Green Promise[®] designation also meet or exceed the published chemical restriction and performance criteria included in the standards shown below, based on independent, third-party testing, but have not been certified under any of these standards.

Green Seal [™] GS-11 2010	
YES	

Technical Assistance:

Available through your local authorized independent Benjamin Moore[®] retailer. For the location of the retailer nearest you, call 1-800-826-2623, see www.benjaminmoore.com, or consult your local Yellow Pages.

Technical Data[Ⓢ]

Technical Data [Ⓢ]		Pastel Base
Vehicle Type		100% Acrylic Latex
Pigment Type		Titanium Dioxide
Volume Solids		45.5%
Coverage per Gallon at Recommended Film Thickness		375 – 425 Sq. Ft.
Recommended Film – Wet Thickness – Dry		4.0 mils 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 – To Recoat	30 Minutes 1-2 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		Evaporation, Coalescence
Viscosity		108 ± 2 KU
Flash Point		None
Gloss / Sheen		Flat (1.5-3.5 @ 85°)
Surface Temperature at Application	– Min. – Max.	50° F 90° F
Thin With		See Chart
Clean Up Thinner		Clean Water
Weight Per Gallon		11.8 lbs
Storage Temperature	– Min. – Max.	40° F 90° F

Volatile Organic Compounds (VOC)

0 Grams / Liter* 0 LBS / Gallon

-Zero VOC post tint (any base and any color)

² Reported VOC values are for all bases/colors.

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.

Difficult Substrates: Benjamin Moore offers a variety of specialty primers for use over difficult substrates such as plaster, 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. 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

Natura® Flat is self priming on most surfaces. Natura® will act as its own primer, providing the optimal foundation for the subsequent finish coat. On bare substrates two coats are required; previously painted surfaces can be finished with 1 or 2 coats. While the high quality of our products sometimes makes one-coat coverage achievable, Benjamin Moore recommends two coats of this product to achieve full color development and to maximize paint film performance. **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: Natura® Interior Waterborne Primer (511)
Finish: 1 or 2 coats of Natura® Interior Waterborne Paint

For bleeding woods such as cedar and redwood, use Fresh Start® 100% Acrylic Superior Primer (046) or Fresh Start® All-Purpose Alkyd Primer (024)

Finish: 1 or 2 coats of Natura® Interior Waterborne Paint

Drywall:

Primer/Finish: 1 or 2 coats of Natura® Interior Waterborne Paint

Plaster:

Primer/Finish: 1 or 2 coats of Natura® Interior Waterborne Paint

Rough or Pitted Masonry:

Primer: Super Spec® Latex Block Filler (160) or Super Spec® Masonry Interior/Exterior Hi-Build Block Filler (206)

Finish: 1 or 2 coats of Natura® Interior Waterborne Paint, Semi-Gloss (514)

Smooth Poured or Pre-cast Concrete:

Primer/Finish: 1 or 2 coats of Natura® Interior Waterborne Paint

Ferrous Metal (Steel and Iron):

Primer: Super Spec HP® Acrylic Metal Primer (P04) or Super Spec HP® Alkyl Metal Primer (P06)

Finish: 1 or 2 coats of Natura® Interior Waterborne Paint, Flat (512)

Non-Ferrous Metal (galvanized & aluminum):

All new metal surfaces must be thoroughly cleaned with (P83) 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: Not required on properly prepared surfaces

Finish: 1 or 2 coats of Natura® Interior Waterborne Paint

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

Application

Mixing of Paint: Stir thoroughly before and during use. Apply one or two coats.

Paint Application: 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.

Thinning/Cleanup

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		
Spray: Airless Pressure: 1500 -2500 psi Tip: 0.013-0.017		

Cleanup: Wash painting tools in warm soapy water immediately 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 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.

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 "Cleanup".

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

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