



# NATURA<sup>®</sup>

## INTERIOR WATERBORNE PAINT

### FLAT 512

#### Features

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

#### General Description

Natura<sup>®</sup> Interior Waterborne Flat (512) is a premium quality, zero VOC paint that provides a durable, washable and fade-resistant finish. Natura<sup>®</sup> 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<sup>®</sup> Gennex<sup>®</sup> Bases 1X, 2X, 3X, & 4X

##### —Special Colors:

Contact your Benjamin Moore & Co. 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



Based on independent, third-party testing, the Green Promise<sup>®</sup> designation certifies that this product meets or exceeds each standard shown in the following chart.

LEED <sup>®</sup>	Green Seal <sup>™</sup> GS-11	GS-11 2009	GS-11 2010	MPI Green Performance <sup>™</sup>	Greenguard <sup>®</sup>
YES	YES	YES	YES	YES	YES

Greenguard Children & Schools <sup>®</sup>	CHPS (Collaborative for High Performance Schools)	VOC (any color)
YES	YES	0

##### Technical Assistance:

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

##### Technical Data<sup>Δ</sup>

##### 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 Thickness – Wet 4.0 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 – To Touch 30 Minutes  
(25° C) @ 50% RH – To Recoat 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 – Min. 50° F  
at Application – Max 90° F

Thin With See Chart

Clean Up Thinner Clean Water

Weight Per Gallon 11.8 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)**

<sup>Δ</sup> 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 & Co. 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. Clean up carefully with a HEPA vacuum and a wet mop. 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](http://www.epa.gov/lead).

## Primer/Finish Systems

Natura® Interior Waterborne Primer (511) is the preferred primer in most situations. For best hiding results, tint the primer to the approximate finish coat color. **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, New:

**Primer:** Natura® Interior Waterborne Primer (511)

For bleeding woods such as cedar and redwood, use Benjamin Moore® Fresh Start® All-Purpose 100% Acrylic Primer (023) or Benjamin Moore® Fresh Start® All-Purpose Alkyd Primer (024)

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

### Drywall, New:

**Primer:** Natura® Interior Waterborne Primer (511)

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

### Plaster, Cured:

**Primer:** Natura® Interior Waterborne Primer (511)

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

### Masonry, Cured:

#### Rough or Pitted Masonry:

**Primer:** Super Spec® Latex Block Filler (160)

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

#### Smooth Poured or Pre-cast Concrete:

**Primer:** Moore's® Acrylic Masonry Sealer (066) or Natura® Interior Waterborne Primer (511)

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

### Unpainted Metal (Ferrous):

**Primer:** Ironclad® Latex Low Lustre Metal & Wood Enamel (363 or C363) or Ironclad® Alkyd Low Lustre Metal & Wood Enamel (C163 or Z163)

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

**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.

See Chart Below

## 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
<b>Brush:</b> Nylon / Polyester	No thinning necessary	Add <b>518 Extender</b> or <b>water:</b>  Max of 8 fl. oz. to a gallon of paint  <b>Never add other paints or solvents.</b>
<b>Roller:</b> Premium Quality		
<b>Spray:</b> 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.**