



# BENJAMIN MOORE®

## FRESH START®

### 100% ACRYLIC SUPERIOR PRIMER 046

#### Features

- Excellent adhesion.
- Excellent Hide
- Great Flow & Leveling
- Mildew Resistant
- Good Enamel Holdout
- Stain Suppression
- Quick dry.
- Spatter resistant.

#### Recommended For

**Interior:** Use on new or previously painted wood, plywood, drywall, ceiling tile, Formica®, Masonite®, ceramic tile and cured plaster. Benjamin Moore® Fresh Start® 100% Acrylic Superior Primer is an excellent sealer and primer for use under new wallcoverings and can also be used as a primer coat over existing wallcoverings.

**Exterior:** Use on new or previously painted wood, fiber cement board, hardboard siding, aluminum, galvanized metal, brick, cured masonry and previously coated ferrous metal surfaces.

#### General Description

A premium quality, 100% acrylic interior and exterior high performance primer that combines many of the qualities desired in a primer: high hiding, excellent adhesion (more forgiving over difficult substrates), blister resistance, quick dry, spatter proof and minimal odor with excellent flow and leveling. Additionally, this product is effective in sealing and suppressing most bleeding type stains: including crayon, graffiti, grease marks, water stains; cedar and redwood bleed; asphalt, creosote, rust and smoke. In cases of severe bleeding, a solvent based primer should be used to prevent stains from reappearing. Not recommended for sealing knots or over pine sap.

#### Limitations

- Not recommended for sealing knots or over pine sap.
- On hard, non-porous surfaces, such as glazed ceramics and metal, maximum adhesion and hardness may take 3-4 days to develop.
- Do not apply when air and surface temperatures are below 40° F (4.4° C).

#### Product Information

##### Colors:

##### —Standard:

White  
White may be tinted to light pastels with up to 2.0 fl. oz. of Benjamin Moore® Gennex® colorants per gallon.  
For best hiding results, tint to the approximate shade of the finish coat.

##### —GENNEX® Tint Bases:

(04) Deep Color Base  
(When tinted in accordance with Benjamin Moore & Co. prescriptions, the Deep Color Base will provide a hiding base coat suitable for use under deep and intense colors.)

##### —Special Colors:

Contact your Benjamin Moore & Co. representative.

##### Certification:

VOC compliant in all regulated areas

Qualifies for  
**LEED®**  
Credit  
(NON-FLAT)

##### Federal Specifications Generic Equivalent

Exterior: TT-P -1984 Interior: TT-P-650

##### 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](http://www.benjaminmoore.com), or consult your local Yellow Pages.

##### Technical Data◇

##### White

Vehicle Type	100% Acrylic Latex	
Pigment Type	Titanium Dioxide	
Volume Solids	35.8%	
Theoretical Coverage At	400 – 450 Sq. Ft.	
Recommended Film Thickness		
Film Thickness	— Wet	3.8 mils
	— Dry	1.4 mils
Dry Time @ 77° F	— Set to Touch	1 Hours
(25° C) @ 50% RH	— To Handle	2 Hours
	— To Recoat	3 Hours
When applying finish coat, allow at least three-hour dry between coats. For the most effective sealing action, allow to dry 24 hours before finishing with a top coat		
Dries By	Evaporation, Coalescence	
Viscosity	95 ± 2 KU	
Flash Point	None	
Gloss/Sheen	Low Lustre (7-12 @ 85)	
Surface Temperature at application	— Min.	40° F
	— Max.	90° F
Thin With	Do Not Thin	
Clean Up Thinner	Clean Water	
Weight Per Gallon	10.7 lbs.	
Storage Temperature	— Min.	40° F
	— Max.	90° F

##### Volatile Organic Compounds (VOC)

White - 44 Grams/Liter, .36 LBS/Gallon  
Deep Base - 35 Grams/Liter, .29 LBS/Gallon

◇Reported values are for White. Contact Benjamin Moore & Co. for values of other bases or colors.

## Benjamin Moore® Fresh Start® 100% Acrylic Superior Primer (046)

### 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 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. Caution: Smooth planed clapboards or siding must be sanded thoroughly to break the "mill glaze" allowing proper penetration and adhesion.

**Difficult Substrates:** If the surfaces to be painted exhibit severe tannin or smoke staining, an alkyd based Benjamin Moore & Co. primer may be your best choice for conquering these severe conditions. Consult your Benjamin Moore & Co. retailer for further guidance.

**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](http://www.epa.gov/lead).

### Primer/Finish Systems

Benjamin Moore® Fresh Start® 100% Acrylic Superior Primer is the preferred primer in most situations. New surfaces should be fully primed, and previously painted surfaces may be primed or spot primed as necessary. For best hiding results use Benjamin Moore® Fresh Start® 100% Acrylic Superior Primer tinted 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:** Benjamin Moore® Fresh Start® 100% Acrylic Superior Primer (046)

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

**Finish:** 1 or 2 coats of the appropriate Benjamin Moore® finish coat.

#### Drywall, New:

**Primer:** Benjamin Moore® Fresh Start® 100% Acrylic Superior Primer (046)

**Finish:** 1 or 2 coats of the appropriate Benjamin Moore® finish coat

#### Plaster, Cured:

**Primer:** Benjamin Moore® Fresh Start® 100% Acrylic Superior Primer (046)

**Finish:** 1 or 2 coats of the appropriate Benjamin Moore® finish coat.

#### Masonry, Cured: Rough or Pitted Masonry:

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

**Finish:** 1 or 2 coats of the appropriate Benjamin Moore® finish coat

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

**Primer:** Moore's® Acrylic Masonry Sealer (066) or Benjamin Moore® Fresh Start® 100% Acrylic Superior Primer (046)

**Finish:** 1 or 2 coats of the appropriate Benjamin Moore® finish coat.

#### 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 the appropriate Benjamin Moore® finish coat.

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

### Application

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.

**Spray, Airless:** Fluid Pressure: 1500 – 2500  
Tip: .013 - .017

### Thinning/Cleanup

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:** Clean equipment with mineral spirit. 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.

**WARNING:** This product contains a chemical known to the state of California to cause cancer and birth defects, or other reproductive harm.

**FIRST AID:** In case of eye contact, flush with water for 15 minutes; for skin, wash with soap and water. If you experience difficulty in 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/Cleanup.

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

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