



BENJAMIN MOORE® SUPER SPEC® ALKYD EXTERIOR PRIMER 176

Features

- Ideal for blocking stains
- Long-term film flexibility
- Fast dry
- Excellent adhesion
- Resists water soluble tannin stains from redwood and cedar.
- Can be used under either solvent or water-thinned paints
- Excellent hiding
- Seals porous surfaces and improves the bond over prepared chalky surfaces

Recommended For:

Use on both bare and previously coated siding and trim. Ideal for exterior surfaces such as new or previously painted exterior wood, hardboard siding, cured masonry, aluminum and unglazed brick.

General Properties

A premium alkyd based primer designed to seal weathered surfaces uniformly, ideal for blocking stains and provides a non-gloss film for optimal finish coat performance.

Limitations:

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

Not for interior use

Product Information

Colors — Standard:

176 00 White

(May be tinted with up to 2.0 fl. oz. of Benjamin Moore® Color Preview® colorants per gallon.)

— Tint Bases:

Not available

— Special Colors:

Contact your Benjamin Moore & Co. representative.

Certification:

Master Painters Institute MPI #7

Formulated with non-photo chemically reactive solvents.

Available in all regulated areas, except South Coast.

Federal Specifications Generic Equivalent

TT-P-25-E

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◇

White

Vehicle Type	Alkyd
Pigment Type	Titanium Dioxide
Volume Solids	56%
Theoretical Coverage At Recommended Film Thickness	450 – 550 Sq. Ft.
Be sure to estimate the right amount of product for the job. This will ensure color uniformity and minimize the disposal of excess paint.	
Recommended Film Thickness — Wet	3.2 mils
— Dry	1.8 mils
Dry Time @ 77° F (25° C) @ 50% RH — Set to Touch	4 Hours
— Dry to Touch	4-6 Hours
— To Recoat	6 Hours
Dries By	Evaporation, Oxidation
Viscosity	82 ± 2 KU
Flash Point	Combustible
Gloss/Sheen	Flat
Surface Temperature at application — Min.	50° F
— Max.	90° F
Thin With	Do Not Thin
Clean Up Thinner	Mineral Spirits
Weight Per Gallon	11.6 lbs.
Storage Temperature — Min.	40° F
— Max.	90° F

Volatile Organic Compounds (VOC) ◇

345 Grams/Liter – 2.88 LBS/GALLON**

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

Super Spec® Alkyd Exterior Primer (176)

Surface Preparation

Surfaces must be clean, dry, and free of heavy chalk, oily deposits, and mildew. Remove loose or scaling paint by scraping, wire brushing, or sanding.

Un-weathered areas such as eaves, ceilings and overhangs should be washed with a detergent solution and/or rinsed with a strong stream of water to remove surface salts that can interfere with proper adhesion.

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

Poured and pre-cast concrete must be allowed to cure for 30 days; block constructions should be allowed to cure for 30 days. All surfaces must be thoroughly brushed with stiff fiber bristles to remove loose particles.

For metal surfaces, remove rust. Wipe with paint thinner to remove surface oils.

Mildew: If mildew is present, it must be removed by scrubbing with a commercial mildew wash. If mildew is widespread, the use of power wash equipment is suggested. **Caution:** Use rubber gloves, work goggles and protective clothing when applying mildew wash. Follow manufacturer's directions.

Masonry, (Including Unglazed Brick): A common exterior paint failure on masonry construction is peeling and scaling, often caused by painting over heavy chalk deposits. The most practical and efficient way to remove this substance is with high pressure spray equipment. Multiple coats of paint that are in an advanced state of deterioration or prior applications of cement based coatings must be removed to a sound substrate. Sand blasting or using a mechanical grinder are effective means of preparation.

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.

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

For best hiding results, tint Super Spec® Alkyd Exterior Primer (176) to the approximate shade of the finish coat. **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.

Spot prime exposed nail holes and areas where paint was scraped down to the bare substrate. Spot prime before and after repairing with Moorlastic® caulks and putty.

Wood, New, Non-Bleeding:

Primer: Spot prime joints, cracks or rough spots with Super Spec® Alkyd Exterior Primer (176). Let dry at least 4 hours before applying overall coat of Super Spec® Alkyd Exterior Primer (176)

Finish: Appropriate Benjamin Moore® exterior paint

Wood, Repaint (Including Shakes and Shingles):

Primer: Spot prime as needed with Super Spec® Alkyd Exterior Primer (176)

Finish: Appropriate Benjamin Moore® exterior paint

Hardboard Siding, Factory Primed:

Primer: Super Spec® Alkyd Exterior Primer (176)

Finish: Appropriate Benjamin Moore® exterior paint

Masonry, Weathered and Unpainted (Including Unglazed Brick):

Primer: Primer not required if surface is firm. Loose, sandy masonry should be hosed down thoroughly to remove surface particles, allowed to dry, then primed with Super Spec® Alkyd Exterior Primer (176)

Finish: Appropriate Benjamin Moore® exterior paint

Masonry, Repaint (Including Unglazed Brick):

No primer is required if surface is firm; otherwise prime with a chalk binding primer such as: Moore's® Alkyd Masonry Sealer (C077) – White (C077 01) or Clear (C077 00), or Super Spec® Alkyd Exterior Primer (176)

Finish: Appropriate Benjamin Moore® exterior paint

Application

For best hiding results, tint Moorcraft Super Spec® Alkyd Exterior Primer (176) to the approximate shade of the finish coat. Stir thoroughly before and during use. Apply one or two coats. For best results, use a Benjamin Moore® Professional custom-blended nylon/polyester or china bristle brush, Benjamin Moore® Professional roller, or a similar product. This product can also be sprayed.

Spray, Conventional: See **Thinning/Cleanup**.

Spray, Airless: Fluid Pressure— 1,500 to 3,000 PSI;
Tip — .013–.017 Orifice

Thinning/Cleanup

Do not thin.

Clean brushes and equipment with mineral spirits.

USE COMPLETELY OR DISPOSE OF PROPERLY. This product contains organic solvents which may cause adverse effects to the environment if handled improperly. Save unused product for touch-up purposes or a household hazardous waste collection program. 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 & Safety Information

**WARNING! COMBUSTIBLE LIQUID AND VAPOR
Contains Stoddard Solvent and Crystalline Silica**

VAPOR HARMFUL. CAUSES EYE, SKIN, NOSE, AND THROAT IRRITATION

NOTICE: Repeated and prolonged exposure to solvents may lead to permanent brain and nervous system damage. Eye watering, headaches, nausea, dizziness and loss of coordination are signs that solvent levels are too high. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. **Crystalline silica** can cause cancer when in the respirable form (spray mist or sanding dust).

Keep away from heat and flame. **Use only with adequate ventilation.** Do not breathe vapors, spray mist or sanding dust. Avoid contact with eyes and prolonged or repeated contact with skin. Wear eye protection and gloves. To avoid breathing vapors or spray mist, open window and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches or dizziness, increase fresh air or wear a properly fitted vapor/particulate respirator approved by NIOSH for use with paints or leave the area. In all cases follow respirator manufacturer's directions for respirator use. Close container after each use.

FIRST AID: If affected by inhalation of vapors or spray mist, remove to fresh air. In case of eye contact, flush immediately with plenty of water for at least 15 minutes and call a physician; for skin, wash thoroughly with soap and water. In case of ingestion - **DO NOT INCLUDE VOMITING**, get medical help immediately.

IN CASE OF: FIRE — Use foam, CO₂, dry chemical, or water fog.

SPILL — Absorb with inert material and dispose of as specified under **Thinning/Cleanup**.

KEEP OUT OF REACH OF CHILDREN

Material Safety Data Sheets available
on request from your servicing dealer.



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