



# SUPER SPEC<sup>®</sup>

## EXTERIOR ALKYD 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

#### General Description

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.

#### Recommended For

- For commercial and residential applications
- For exterior surfaces such as new or previously painted wood, hardboard siding, cured masonry, and unglazed brick.

#### Limitations

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

#### Product Information

##### Colors — Standard:

White (00)

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

##### — Tint Bases:

Not available

##### — Special Colors:

Contact your Benjamin Moore representative.

##### Certifications & Qualifications:

Master Painters Institute MPI # 5

VOC REGION	COMPLIANT
FEDERAL	YES
OTC	YES
OTCII	NO
CARB	YES
CARB07	NO
UTAH	NO
AZMC	YES
SCAQMD	NO

##### Technical Assistance

Available through your local authorized independent Benjamin Moore retailer. For the location of the retailer nearest you, call 1-866-708-9180 or visit [www.benjaminmoore.com](http://www.benjaminmoore.com)

##### Technical Data

##### White

Vehicle Type Alkyd

Pigment Type Titanium Dioxide

Volume Solids 56%

Coverage per Gallon at Recommended Film Thickness 450 – 550 Sq. Ft.

Recommended Film Thickness  
 – Wet 3.2 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 (25 °C) @ 50% RH  
 – To Touch 4 – 6 Hour  
 – To Recoat Overnight

High humidity and cool temperatures will result in longer dry, recoat and service times.

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 for values of other bases or colors

## Super Spec® Exterior Alkyd Primer 176

### Surface Preparation

Surfaces to be primed must be clean, dry, and free of wax, grease, dust, mildew, water soluble materials and scaling paint. Glossy areas should be dulled. Apply Super Spec® Exterior Alkyd Primer (176) before and after filling nail holes, cracks, and other surface imperfections. Sand when dry. New masonry surfaces must be cured 30 days before priming.

For best hiding results, tint Super Spec® Exterior Alkyd Primer (176) to the approximate shade of the finish coat, especially when a significant color change is desired.

A primer is not required on previously painted surfaces in good condition and similar color.

**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.

**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

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.

#### Wood and engineered wood products:

**Primer:** 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:

**Primer:** Super Spec® Alkyd Exterior Primer (176)

**Finish:** Appropriate Benjamin Moore® exterior paint

### Application

Stir thoroughly before use. Apply one or two coats. For best results, use a Benjamin Moore® custom-blended bristle brush, Benjamin Moore® roller, or a similar product. This product can also be sprayed. Apply generously, using short overlapping strokes, brushing or rolling from unpainted areas into painted areas. Avoid excessive brushing and rolling. Let dry before touching up any missed spots. Do not apply when air or surface temperatures are below 50° F.

**Spray, Airless:** Fluid Pressure— 1,500 to 3,000 PSI;

Tip — .013–.017 Orifice

### Thinning/Clean up

**Do not thin.**

Clean brushes and equipment with mineral spirits.

**DANGER – Rags, steel wool or waste soaked with the product may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or waste in a sealed water-filled metal container.**

USE COMPLETELY OR DISPOSE OF PROPERLY. This product contains organic solvents which may cause adverse effects to the environment if handled improperly. Disposal of wastes containing either organic solvents or free-liquids in landfills is prohibited. **Local disposal requirements vary; consult your sanitation department or state-designated environmental agency for local disposal options.**

### Environmental Health & Safety Information

**DANGER!**

COMBUSTIBLE LIQUID AND VAPOR

VAPOR HARMFUL

**Contains: Petroleum Distillates**

HARMFUL OR FATAL IF SWALLOWED. ASPIRATION HAZARD. CAUSES IRRITATION TO EYES, SKIN AND RESPIRATORY TRACT.

Cancer Hazard: Contains Crystalline Silica which can cause cancer when in the respirable form (spray mist or sanding dust).

**NOTICE:** Repeated or prolonged exposure to organic solvents may lead to permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling vapors may be harmful or fatal.

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. To avoid breathing vapors or spray mist open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor levels are above the applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use. Aspiration Hazard. Small amounts aspirated into the respiratory system may cause mild to severe pulmonary injury. Close container after each use. Wash thoroughly after handling.



**WARNING** Cancer and Reproductive Harm—  
[www.P65warnings.ca.gov](http://www.P65warnings.ca.gov)

**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 get medical attention immediately; for skin, wash thoroughly with soap and water. If symptoms persist, seek medical attention. If swallowed, do not induce vomiting. Get medical attention immediately.

**IN CASE OF FIRE –** Use foam, CO<sub>2</sub>, dry chemical or water fog.

**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**