



SUPER SPEC[®] BUSAN[®] 100% ACRYLIC EXTERIOR PRIMER 166

Features

- Blocks tannin bleeding type stains.
- Blocks and controls rust stains from nail heads and steel columns.
- Excellent adhesion to aged glossy alkyd surfaces and moderately chalky surfaces.
- Alkali resistant.
- Fast dry.
- Easy to apply.
- Soap and water clean up.

Recommended For

- For commercial and residential applications
- Use on all bleeding type exterior wood surfaces, such as cedar, redwood, cypress, mahogany, and fir. Can also be used on cured stucco and masonry surfaces.

General Description

A 100% acrylic latex exterior primer specially formulated for use on all bleeding type exterior wood surfaces. Effective at holding back water stains and most other bleeding stains. An ideal primer for use under all types of exterior latex coatings.

Limitations

- Do not apply when air and surface temperatures are below 50°F (10°C) or on damp and rainy days.
- Do not mix other paints or enamels with this product.

Product Information

Colors — Standard:

166 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 representative.

Certification:

VOC compliant in all regulated areas.

Qualifies for
LEED[®]
Credit
(PRIMER)

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	100% Acrylic Latex
Pigment Type	Titanium Dioxide
Volume Solids	42%

Coverage per Gallon at Recommended Film Thickness	400 – 450 Sq. Ft.
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Recommended Film Thickness	– Wet 3.8 mils
	– Dry 1.2 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 1 Hour
(25°C) @ 50% RH	– To Recoat 3 -4 Hours

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

Dries By	Evaporation, Coalescence
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Viscosity	80 ± 2 KU
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Flash Point	None
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Gloss / Sheen	Flat
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Surface Temperature at Application	– Min. 50°F
	– Max 90°F

Thin With	Clean Water
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Clean Up Thinner	Clean Water
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Weight Per Gallon	10.3 lbs
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Storage Temperature	– Min. 40°F
	– Max 90°F

Volatile Organic Compounds (VOC)

41 Grams/Liter .34 Lbs./Gallon

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

Surface Preparation

Surfaces must be clean, and free of dirt, mildew, grease, excess chalk, and loose or scaling paint. Remove all scaling or peeling paint by scraping, wire brushing or sanding. Glossy areas should be dulled. Loose, sandy masonry and stucco should be dry-brushed down to a firm surface. For metal surfaces, remove rust. Wipe with paint thinner to remove surface oils. Spot prime all nail holes and areas before and after using putty or caulking.

Note: Smooth-planed clapboards or siding must be sanded with 80-120 grit sandpaper to break the "mill glaze" and allow proper penetration and adhesion.

Mildew: Stains from mildew must be removed by cleaning with Benjamin Moore® Clean (318) prior to coating the surface. **Caution:** Refer to the (318) Clean technical data and material safety data sheets for instructions on its proper use and handling.

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

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

New surfaces should be fully primed, and previously painted surfaces may be primed or spot primed as necessary. For best hiding results, tint the primer to the approximate shade of the finish coat, especially when a significant color change is desired. **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.

Cedar Siding, Shakes, or Redwood:

Primer: To minimize the extraordinary staining tendencies of these woods, apply two coats of Super Spec® Busan® 100% Acrylic Exterior Primer. Let dry at least 3 hours between priming coats.

Finish: Appropriate Benjamin Moore latex exterior house paint.

Non Bleeding Wood:

Primer: One coat of Super Spec® Busan® 100% Acrylic Exterior Primer

Finish: Appropriate Benjamin Moore latex exterior house paint

Yellow Pine:

Primer: Spot prime knots with Super Spec® Stain Blocking Alkyd Primer (294). Apply one overall coat of Super Spec® Busan® 100% Acrylic Exterior Primer

Finish: Appropriate Benjamin Moore latex exterior house paint

Smooth Masonry, New and Unpainted:

Primer: One coat of Spec® Busan® 100% Acrylic Exterior Primer

Finish: Appropriate Benjamin Moore latex exterior finish

Non-Ferrous Metal (Galvanized & Aluminum): All new metal surfaces must be thoroughly cleaned with Super Spec HP® Oil & Grease Emulsifier (P83) 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: One coat of Spec® Busan® 100% Acrylic Exterior Primer

Finish: Appropriate Benjamin Moore latex exterior finish

Application

For best hiding results, tint Spec® Busan® 100% Acrylic Exterior Primer to the approximate finish coat color.

Stir thoroughly before use. Apply as received in the container.

Spot prime all nail holes and areas before and after using putty or caulking. Apply 1 or 2 coats in full, even coats by brush, roller, or spray. Two coats provide the maximum sealing and stain suppression qualities. Allow film to thoroughly dry between coats.

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

Tip — .013 - .017 Orifice

Thinning/Cleanup

Thinning is unnecessary, but if required to obtain desired application properties, a small amount of clean water may be added. Stain suppression may be affected if over-thinned. Never add other paints or solvents.

Clean brushes, rollers and other painting tools in warm soapy water 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 for more information on disposal options.**

Environmental, Health & Safety Information

Contains Barium Metaborate and Crystalline Silica

CAUSES EYE IRRITATION

Crystalline silica can cause cancer when in the respirable form (spray mist or sanding dust).

Use only with adequate ventilation. Do not breathe spray mist or sanding dust. Avoid contact with eyes and prolonged or repeated contact with skin. Wear eye protection and gloves during application or sanding. A dust/particulate respirator approved by NIOSH should be worn when sanding or spraying. Close container after each use.

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

FIRST AID: If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately. In case of ingestion, DO NOT INDUCE VOMITING. Get medical help immediately.

IN CASE OF SPILL: – Absorb with inert material and dispose of as specified under **Thinning/Cleanup**.

KEEP OUT OF REACH OF CHILDREN

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