



BENJAMIN MOORE® SUPER SPEC HP™ LATEX FLAT FIRE RETARDANT P59

Features

- When attacked by flame, (P59) expands and forms a thick cellular char blanket (intumescence) which, by reducing excessive heat penetration, retards flame spread and minimizes smoke development
- Applies like a conventional latex flat paint
- Dries to a decorative matte finish
- Low Odor
- Low VOC's
- No unpleasant odor during application
- Washes without spotting or loss of intumescence

Recommended For:

For interior use on primed or previously painted wood, drywall, cellulose tile, cured plaster, masonry, and metal.

General Description

A premium quality, decorative, intumescent, fire retardant paint for interior ceilings, walls, and trim.

This product provides a high hiding matte finish that retards flame spread by reacting to heat and forming a thick cellular char blanket (intumescence). Suitable for primed or previously painted wood, drywall, cellulose tile, cured plaster, masonry and metal.

Limitations:

- Do not apply when air and surface temperatures are below 50° F (10° C)
- Topcoating will reduce intumescent properties of this coating

Product Information

Colors: —Standard: (01) White

May be tinted with up to 2.0 fl. oz. BENJAMIN MOORE® COLOR PREVIEW® colorant per gallon.

Certification:

Master Painters Institute MPI #64, 67.

Formulated without Volatile Organic Compounds (VOCs) or solvents.

VOC compliant in all regulated areas

Flame Spread Rating: Class "A" when tested in accordance with ASTM E-84 (NFPA 255) and S-102.



Federal Specifications Generic Equivalent

TT-P-26C

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

| | |
|---|--------------------------|
| Generic Type | Vinyl Acrylic |
| Pigment Type | Titanium Dioxide |
| Volume Solids | 48% |
| Theoretical Coverage At | |
| Recommended Film Thickness | 300 sq. ft. |
| Film Thickness | |
| — Wet | 5.3 mils |
| — Dry | 2.5 mils |
| <i>A minimum of two coats (5.0 DFT) is required for a Class "A" rating.</i> | |
| Dry Time @ 77° F | — Set To Touch 1 Hour |
| (25° C) @ 50% RH | — To Recoat 4 Hours |
| Dries By | Evaporation, Coalescence |
| Dry Heat Resistance | N/A |
| Viscosity | 75 ± 5 KU |
| Flash Point | None |
| Sheen/Gloss | Matte (10% Max @ 60°) |
| Surface Temperature | |
| at application | — Min. 50° F |
| | — Max. 95° F |
| <i>Surface must be dry and at least 5° above the dew point.</i> | |
| Reducer | Clean Water |
| Reduction | |
| — Brush | Do not thin |
| — Roller | Do not thin |
| — Spray | 5% Maximum |
| Clean Up Thinner | Clean Water |
| Weight Per Gallon | 10.8 lbs |
| Storage Temperature | |
| — Min. | 40° F |
| — Max. | 90° F |

Volatile Organic Compounds (VOC) [◇]

60 Grams / Liter .50 LBS / Gallon

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

Surface Preparation

Surfaces to be coated must be clean, dry, and free of oil, grease, dust, flaky rust, mill scale, loose paint, chalk, and other foreign matter than could interfere with adhesion. Glossy surfaces should be dulled by abrading the surface.

Metal: Remove loose rust and scale with a scraper, wire brush, or sandpaper. Remove oils from bare metal with Benjamin Moore® Oil & Grease Emulsifier (P83).

Wood: Spot-prime patched and spackled areas with the recommended Benjamin Moore & Co. primer before and after repairing.

Mildew: If mildew is present, it must be removed by scrubbing with a commercial mildew wash, or it will continue to grow through the fresh coating. CAUTION: Use rubber gloves, work goggles, and protective clothing when applying mildew wash. Follow manufacturer's directions.

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

Wood:

Primer: Super Spec Alkyd Enamel Under-Coater (245) or Super Spec Latex Enamel Under-Coater (253)

Finish: 2 coats 220 Latex Flat Fire Retardant (P59)

Bleeding Type Woods, (Redwood and Cedar):

Primer: Fresh Start All Purpose Alkyd Primer (024); for light tannin bleed situations 1 or 2 coats of Fresh Start Acrylic Primer (023) may be used.

Finish: 2 coats 220 Latex Flat Fire Retardant (P59)

Metal Surfaces:

Finish: 2 coats Super Spec HP™ 220 Latex Flat Fire Retardant

Galvanized Metal: All new galvanized metal surfaces must be thoroughly cleaned with Benjamin Moore® Oil & Grease Emulsifier (P83) to remove contaminants.

Finish: 1 or 2 coats Super Spec HP™ 220 Latex Flat Fire Retardant

Masonry, Smooth Poured or Precast Concrete:

Primer: Moore's® Acrylic Masonry Sealer (066) or Benjamin Moore® Fresh Start® All-Purpose 100% Acrylic Primer (023)

Finish: 2 coats Super Spec HP™ 220 Latex Flat Fire Retardant

Masonry, Rough or Pitted:

Primer: Super Spec™ Latex Block Filler (160)

Finish: 2 coats Super Spec HP™ 220 Latex Flat Fire Retardant

Plaster and Wallboard: All plaster surfaces must be thoroughly cured for at least 30 days. Drywall surfaces must be free of sanding dust.

Primer: Benjamin Moore® Fresh Start® All-Purpose 100% Acrylic Primer (023)

Finish: 2 coats Super Spec HP™ 220 Latex Flat Fire Retardant

Previously Painted Surfaces:

Finish: 2 coats Super Spec HP™ 220 Latex Flat Fire Retardant

Application

Mixing of Paint: Stir thoroughly before and occasionally during use.

For best application results, apply generously going from unpainted into painted areas.

Apply with an all-purpose synthetic brush, short nap roller, or spray.

Spray, Airless: Fluid Pressure — 1,500 to 2,500 PSI;
Tip — .013 - .017 Orifice

Thinning/Cleanup

Thinning: 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.

Cleanup: Clean all equipment immediately after using with soap and water. Spray equipment should be given a final rinse with mineral spirits to prevent corrosion.

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 with water for 15 minutes; for skin, wash with soap and water. 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 "Clean Up".

KEEP OUT OF REACH OF CHILDREN

PROTECT FROM FREEZING

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

