



Architectural Coatings

PPG Speedhide Interior Fire Retardant Latex Flat

GENERAL DESCRIPTION

PPG Speedhide Fire Retardant Interior Latex is a low VOC, water based flat latex, fire retardant paint that is ideal for use on properly prepared interior walls, ceilings, stairwells of combustible materials such as wood, drywall, plywood, particle board and similar surfaces. May also be used on plasterboard, brick, concrete, and cement block if desired.

RECOMMENDED SUBSTRATES

Brick	Gypsum Wallboard-Drywall
Cement Board	Particle Board
Concrete/Masonry	Plaster
Concrete Block (CMU)	Wood

CONFORMANCE STANDARDS

VOC compliant in all regulated areas
Can help earn LEED® 2009 credits
MPI approved in category 64
Meets requirements for National Fire Protection Association Class A Rating*

*This indicates a product has a Flame Spread Rating (FSR) corresponding to the Class A Rating according to the ASTM E-84 test method. This is the best FSR rating a product can receive.

PRODUCT INFORMATION

42-7XI White

Refer to the appropriate color formula book, automatic tinting equipment, and or computer color matching system for color formulas and tinting instructions.

PACKAGING

1-Gallon (3.78 L)
5-Gallon (18.9 L)

FEATURES / BENEFITS**Features**

Intumescence
Applies like a conventional latex flat paint
Less than 50 g/L VOC
Can help earn LEED 2009 credits

PRODUCT DATA

PRODUCT TYPE: Latex
SHEEN: Flat, 0-5 @85°
VOLUME SOLIDS*: 46% +/- 2%
WEIGHT SOLIDS*: 59% +/- 2%
WEIGHT/GALLON*: 10.8 lbs. (4.8 kg) +/- 0.2 lbs. (91 g)
VOC: <50 g/L (0.4 lbs./gal.)

COVERAGE: Approximately 150 to 200 sq. ft. (14 to 19 sq. meters) per U.S. gallon (3.78 L) to achieve a flame spread rate of 0 for inorganic reinforced cement board (2 coats: 0 smoke developed), and to achieve a flame spread rate of 5 for Douglas Fir (1 coat: 35-95 smoke developed, 2 coats: 35-70 smoke developed) and gypsum wallboard (2 coats: 35-60 smoke developed). To meet the UL rating, two coats are required on bare wood.

Wet Film Thickness: 8.0 to 10.7 mils
Wet Microns: 203 to 272
Dry Film Thickness: 3.7 to 4.9 mils
Dry Microns: 94 to 125

Coverage figures do not include loss due to surface irregularities and porosity or material loss due to application method or mixing. Some colors, drastic color changes, or porous substrates may require more than one coat to achieve a uniform finish.

DRYING TIME: Dry time @ 77°F (25°C); 50% relative humidity.
To Touch: 30 minutes
To Handle: 1-2 hours
To Recoat: 2-4 hours
To Full Cure: 30 days

Drying times listed may vary depending on temperature, humidity, film build, color, and air movement. Wait at least 30 days after painting before cleaning the surface with a non-abrasive, mild cleanser.

CLEANUP: Clean tools with warm, soapy water.

DISPOSAL: Contact your local environmental regulatory agency for guidance on disposal of unused product. Do not pour down a drain or storm sewer.

FLASH POINT: Over 200°F (93°C)

FLAME SPREAD DATA

	Cement Board	Douglas Fir	Douglas Fir	Gypsum Wallboard-Drywall
Flame Spread	0	5	5	5
Smoke Developed	0	35-95	35-70	35-60
Number of Coats	2	1	2	2
Rate per Coat (sq.ft./gal.)	200	150	200	200

Read Label and Safety Data Sheet prior to use. See other cautions on last page.

GENERAL SURFACE PREPARATION

Surface must be clean and dry. Remove all loose and peeling paint, dirt, grease, rust, and other surface contaminants. Putty all nail holes and caulk all cracks and open seams. Sand all glossy, rough, and patched surfaces. Prime all bare wood, drywall, metal, and porous surfaces with an appropriate primer. No primer needed on plaster and masonry surfaces that are well-cured and sound.

WARNING! If you scrape, sand, or remove old paint, you may release lead dust or fumes. LEAD IS TOXIC. EXPOSURE TO LEAD DUST OR FUMES CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a properly fitted NIOSH-approved respirator and prevent skin contact to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the USEPA National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead. Follow these instructions to control exposure to other hazardous substances that may be released during surface preparation.

BRICK: New concrete and masonry should cure for at least 30 days and preferably 90 days prior to priming and painting. The pH of the substrate must be less than 10 before priming. Use of an alkali resistant primer is recommended. Painting glazed brick is not recommended due to potential adhesion problems.

CONCRETE/MASONRY: New concrete and masonry should cure for at least 30 days and preferably 90 days prior to priming and painting. The pH of the substrate must be less than 10 before priming. Use of an alkali resistant primer is recommended.

CONCRETE BLOCK (CMU): Mortar should cure for at least 30 days and preferably 90 days prior to painting. Fill block with an appropriate block filler.

FERROUS METAL: The surface must be cleaned thoroughly to remove any dust, rust, and surface contaminants, and then primed. **Note:** Product will not give a fire resistive rating on metal surfaces.

GYPHUM WALLBOARD-DRYWALL: Nails or screws should be countersunk, and they along with any indentations should be mudded flush with the surface, sanded smooth and cleaned to remove any dust prior to priming the substrate.

PARTICLE BOARD: Countersink all nails, putty flush with surface, then prime.

PLASTER: Plaster, hardcoat, skim coat, or other alkaline surfaces should be allowed to cure for at least 30 days prior to priming and painting. The pH of the substrate must be less than 10 before priming. Use of an alkali resistant primer is recommended.

WOOD: Countersink all nails, putty flush with surface. Unpainted wood or wood in poor condition should be sanded smooth, wiped clean, then primed. Any knots or resinous areas must be sealed before painting.

RECOMMENDED PRIMERS

Brick	4-603XI, 17-921XI, Self-priming
Cement Board	4-603XI, 17-921XI, Self-priming
Concrete/Masonry	4-603XI, 17-921XI, Self-priming
Concrete Block (CMU)	6-7, 6-15XI
Ferrous Metal	4020, 90-712, 90-912
Gypsum Wallboard-Drywall	6-2, 6-4, 9-900, 12-900XI, 17-921XI
Particle Board	6-2, 9-900, 12-900XI, 17-921XI
Plaster	4-603XI, 17-921XI, Self-priming
Wood	6-2, 9-900, 12-900XI, 17-921XI

LIMITATIONS OF USE

FOR INTERIOR USE ONLY. Apply when air, product and surface temperatures are between 50°F (10°C) and 90°F (32°C).

Not recommended for application over "foam" type insulations. Not recommended for use on floors. Do not use where continuous dampness exists.

This product will not give a fire resistive rating on metal surfaces.

PROTECT FROM FREEZING.

APPLICATION INFORMATION

Stir thoroughly before using and occasionally when in use. When using more than one can of the same color, intermix to ensure color uniformity. USE WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN. Read all label and Safety Data Sheet (SDS) information prior to use. SDS are available through our web site or by calling 1-800-441-9695.

Application Equipment: Apply with a high-quality brush and roller, or by airless spray equipment. To obtain full fire-retardant properties, apply with brush and roller with minimum pressure to retain the required film thickness. Where necessary, apply a second coat and allow each coat to dry thoroughly before applying the next coat. To meet the UL rating, two coats are required on bare wood. Top coating this fire-retardant paint with any other material will change the UL fire rating.

Airless Spray: Pressure 2250 to 2700 psi; tip 0.017" to 0.023". Spray equipment must be handled with due care and in accordance with manufacturer's recommendation. High-pressure injection of coatings into the skin by airless equipment may cause serious injury.

Brush: Polyester/Nylon Brush

Roller (nap roller cover): 1/2" - 3/4"

Thinning: Do not thin.

Permissible temperatures during application:

Material:	50 to 90°F	10 to 32°C
Ambient:	50 to 90°F	10 to 32°C
Substrate:	50 to 90°F	10 to 32°C

PRECAUTIONS

WARNING! HARMFUL IF SWALLOWED. CAUSES RESPIRATORY TRACT AND EYE IRRITATION. Do not swallow. Avoid contact with eyes. Avoid breathing vapor or mist. Keep container tightly closed and sealed until ready for use. Wash thoroughly after handling. Provide fresh air ventilation during and after application and drying. Avoid the inhalation of dust, particulates, spray or mist arising from the application of this preparation. Use personal protective equipment as required. **Note: These warnings encompass the product series. Prior to use, read and follow product-specific MSDS and label information. FIRST AID:** If swallowed, rinse mouth with water (only if the person is conscious). Call physician immediately. Do not induce vomiting unless directed to do so by medical personnel. If in eyes, rinse with water for 15 minutes. Check for and remove any contact lenses. If on skin, rinse well with water. Wash with soap and water. Get medical attention if irritation develops. If inhaled, remove to fresh air. If experiencing respiratory symptoms call a POISON CENTER or doctor/physician. Keep out of the reach of children. For workplace use, an MSDS is available from your retailer or by calling (412) 492-5555. EMERGENCY SPILL INFORMATION: (412) 434-4515 (U.S.).

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