

Muralo 1500 Fire Retardant Latex Flat Paint

Description:

An intumescent type, Class A rated fire retardant coating specially designed to protect and decorate flammable and non-flammable surfaces. When subject to open flame or high heat, it forms a protective blanket between the fire and the substrate which impedes the propagation of flames and insulates the surface from the high heats that cause structural collapse and spontaneous combustion. Thus, it provides extra time needed to reach safety. Muralo's Fire Retardant Latex Flat Paint has been independently tested and certified by Underwriter's Laboratories, Inc. in accordance with the requirements of Fire Hazard Classification of Building Materials. Its advanced formula offers high quality, high hiding, excellent washability, and above all reliability. It is suitable for use on all interior surfaces. Dries in approximately one hour to an attractive matte finish.

Recommended Uses:

Use on all previously painted or unpainted, new or old, interior surfaces such as corridors, halls and entrance areas of homes, schools and public buildings.

Surface Preparation:

All surfaces must be clean and free from dirt, dust grease, oil and peeling paint. A white powdery deposit (efflorescence) often found on masonry surfaces, should be completely removed with a stiff wire brush. Repair cracks and other imperfections with Spackle®.

New or Unpainted Surfaces: Priming is not required for wall board, aluminum, copper or masonry substrates. New wood should be primed with Muralo Cedar Solution #2201 to prevent tannin staining. Rusting metal should be primed with a rust inhibiting primer.

Previously Painted Surfaces: Painted surfaces in sound condition do not require primer. Dull glossy areas by lightly sanding.

Application:

For best results, any good quality bristle brush or 3/8" to 1/2" nap roller cover.

Spray: For conventional air atomized spraying, excellent results are obtained with air nozzle orifices sizes from 0.04 to 0.07 inches and pressure from 30 to 70 psi. The fluid nozzle orifice size should be 0.07 to 0.11 inches

For airless spraying, excellent results are obtained with an orifice size of 0.018 to 0.021 inches. Spray width may range from 4 to 19 inch distance. For best results, use equipment manufacturer's recommendations.

Finish:

Flat 60° Gloss = less than 2

Colors:

White

Viscosity:

85 - 95 ku

Revised 3/5/2005

Weight Per Gallon:	9.8 – 10.2 lbs. per gallon																
Spreading Rate:	One Gallon covers approximately 150-250 sq. ft., porous or textured surfaces will reduce the spreading rate																
Coverage:	One coat at 100 sq. ft. per gallon or two coats, each 200 sq. ft. per gallon required for Class A rating																
Dry Time:	Dries in one hour under normal conditions. High humidity and low temperatures may increase dry time. Can be recoated in 2 – 3 hours																
Thinning:	Usually not required. If desired, up to ½ pint of water per gallon of paint may be added																
Flash Point:	None																
Freeze-Thaw:	Passes 3 cycles																
Federal Spec Equivalent:	TT-P-1932																
Fire Hazard Classification:	(Based on 100 for untreated red oak) <table><tr><td>Flame Spread</td><td>Fuel Contributed</td><td>Smoke Developed</td><td>Number of coats</td><td>Coverage Sq. Ft. Per gallon</td></tr><tr><td>15</td><td>0</td><td>20</td><td>2</td><td>200</td></tr></table>					Flame Spread	Fuel Contributed	Smoke Developed	Number of coats	Coverage Sq. Ft. Per gallon	15	0	20	2	200		
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Environmental Information:	HMIS Health.....1 Flammability.....0 Reactivity.....0 Personal Protection.....B <table><tr><td>Major Ingredients</td><td>CAS#</td></tr><tr><td>Titanium Dioxide</td><td>13463677</td></tr><tr><td>Melamine</td><td>108781</td></tr><tr><td>Vinyl Acetate/Acrylic Copolymer</td><td>25067021</td></tr><tr><td>Ammonium Polyphosphate</td><td>6833799</td></tr><tr><td>Water</td><td>7732185</td></tr></table>					Major Ingredients	CAS#	Titanium Dioxide	13463677	Melamine	108781	Vinyl Acetate/Acrylic Copolymer	25067021	Ammonium Polyphosphate	6833799	Water	7732185
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V.O.C.(V.O.S.)	Contains max. 50 gms./ltr. Or 0.42 lbs./gal VOC																
Packaging:		Per Case	Approx. Weight														
	Gallons	4	45 Pounds														
	5 Gallons	1	53 Pounds														
Caution:	Keep out of reach of children. Avoid prolonged contact with skin or breathing of spray mist. Close container after each use. Do not take internally. Use adequate ventilation. Do not apply when temperature is below 50°F																

DISCLAIMER:

The information contained herein is presented in good faith. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must take independent determination of suitability and completeness of information from all sources to assure proper use of these Materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.

NOTICE: Removal of old paint by sanding, scraping or other means may generate dust or fumes which contain lead. Exposure to lead dust or fumes may cause adverse health effects, especially in children or pregnant women.

Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup.

For additional information, contact the USEPA/Lead information Hotline at 1-800-LEAD-FYI.