# FIRE RETARDANT PAINT
## LATEX INTUMESCENT COATING
### FLAT FINISH FR-210

## Features
- Intumescent product
- Class "A" when tested in accordance with ASTM E84 / UL 723 & ASTM E2768
- Applies like a regular paint
- Soap and water cleanup
- Low VOC

## General Description
Insl-x® Fire Retardant Paint is a high-quality latex decorative, intumescent, fire retardant coating for interior ceilings, walls and trim. This product provides a high-hiding flat finish that retards flame spread by reacting to heat and forming a thick cellular char blanket (intumescence). By reducing excessive heat penetration, this product retards flame spread and minimizes smoke generation. It is suitable for primed or previously painted wood, drywall, cellulose tile, cured plaster, masonry and metal. It applies like a conventional latex paint, low in VOCs, and washes without spotting.

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

## Limitations
- Use product when surface temperatures are between 50 °F (10 °C) and 95 °F (35 °C).

## Colors — Standard:
- White
- Can be tinted with up to 2 oz. of Universal Colorants.

### — Tint Bases:
- N/A

### — Special Colors:
- Contact your dealer.

## Product Information

### Technical Data

| White |  
|---|---|
| Vehicle Type | 100% Acrylic |
| Pigment Type | Acrylic Co-Polymer |
| Volume Solids | 48.5 ± 1.0% |
| Coverage per Gallon at Recommended Film Thickness | 150 Sq. Ft. |
| Recommended Film Thickness |  
- Wet: 10.7 mils |
- Dry: 5.2 mils |

### 10 minute burn class A rating:
- ASTM E84 / UL 723 with one coat applied at a spread rate of 150 square feet/gallon (10.7 mils WFT/5.2 mils DFT)

### 30 minute burn class A rating:
- ASTM E2768 with two coats applied at a spread rate of 150 square feet/gallon (10.7 mils WFT/5.2 mils DFT)

### UL® Flame Spread Rating

<table>
<thead>
<tr>
<th>Class A: tested over Douglas fir.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard 10 Minute Test Results per ASTM E84 / UL 723</td>
</tr>
<tr>
<td>Flame Spread Index</td>
</tr>
<tr>
<td>Smoke Developed Index</td>
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</tbody>
</table>

### NGC® Flame Spread Rating

<table>
<thead>
<tr>
<th>Class A: tested over Douglas fir. 30 Minute Extended Test Results per ASTM E2768</th>
</tr>
</thead>
<tbody>
<tr>
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</tr>
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- ASTM E84 / UL 723 with one coat applied at a spread rate of 150 square feet/gallon (10.7 mils WFT/5.2 mils DFT)

### 30 minute burn class A rating:
- ASTM E2768 with two coats applied at a spread rate of 150 square feet/gallon (10.7 mils WFT/5.2 mils DFT)

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
- Tack Free: 30 Minutes
- To Recoat: 2 Hours

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

### Dries By
- Coalescence

### Viscosity
- 90 – 105 KU

### Flash Point
- N/A

### Gloss / Sheen
- Flat (<10 @ 85°)

### Surface Temperature
- Min. 50 °F
- Max. 95 °F

### Thin With
- Do not Thin

### Clean Up Thinner
- Warm Soapy Water

### Weight Per Gallon
- 11.5 lbs.

### Storage Temperature
- Min. 40 °F
- Max. 100 °F

### Volatile Organic Compounds (VOC)
- 45 Grams/Liter
- 0.37 Lbs./Gallon

© Reported values are for White. Contact dealer for values of other bases or colors.

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Technical Assistance:
Available through your local authorized independent dealer.
For the location of the dealer nearest you, call 1-866-708-9180 or see www.insl-x.com

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Manufactured by Benjamin Moore & Co. 101 Paragon Drive, Montvale, NJ 07645 Tel: 866-708-9180 Fax: 888-248-2143 www.insl-x.com M72 FR-210 EN 051519
Fire Retardant Paint Latex Flat Finish FR-210

Surface Preparation
Surfaces to be painted must be clean, dry and free of oil, grease, dust, rust, mill scale, loose paint, chalk and other contaminants that could interfere with adhesion. Glossy surfaces should be dulled by abrading the surface.

Previously Painted Surfaces: No primer is needed if surface is in good condition. Clean and sand as needed.

Ferrous Metal: Remove loose rust and mill scale with a grinder, scraper, wire brush or sandpaper. Remove oil and grease as necessary using an oil and grease emulsifying cleaner. Prime bare spots with metal primer.

Wood/Drywall: Spot prime patched and spackled areas with the recommended primer before top-coating.

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. 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 National Lead Informational Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

Application
Stir this product thoroughly before use. Once stirred, Insl-x Fire Retardant Paint is ready to use. Do not incorporate any additives into this product and thin with water only as needed. Do not apply if surface or air temperatures are below 50 °F or above 95 °F.

Brush: Synthetic Bristle only.
Roller: 3/8” to 1/2” Nap Synthetic Roller
Airless Spray: Fluid Pressure – 1500 to 2500 psi. Tip Size -.013 to .017

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

Environmental Health & Safety Information
Not a hazardous substance or mixture according to the Globally Harmonized System (GHS)

Keep container closed when not in use. In case of spillage, absorb with inert material and dispose of in accordance with local regulations. Wash thoroughly after handling. Refer to Safety Data Sheet for additional health and safety information.

WARNING Cancer and Reproductive Harm–www.P65warnings.ca.gov

This document represents hazards of the product referenced above. Refer to the individual Safety Data Sheet for hazards of the specific product you will be using.

KEEP OUT OF REACH OF CHILDREN
KEEP FROM FREEZING

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