



# FIRE RETARDANT PAINT LATEX INTUMESCENT COATING FLAT FINISH FR-110

## Features

- Intumescent product
- Soap and water cleanup
- Flame Spread Rating: Class "A" when tested in accordance with ASTM E-84 (NFPA 255) and S-102.
- Applies like a regular paint
- 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, is 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. NOTE: Top coating this product will reduce its intumescent properties.

## Limitations

- Use product when surface temperature is between 10°C (50°F) and 35°C (95°F)

## Product Information

<b>Colours — Standard:</b> White		<b>Technical Data</b> <span style="float: right;"><b>White</b></span>	
<b>— Tint Bases:</b> Can be tinted with up to 2 oz. of Universal Colorants.		Vehicle Type <span style="float: right;">Vinyl Acrylic</span>	
<b>— Special Colours:</b> Contact your dealer.		Pigment Type <span style="float: right;">Titanium Dioxide</span>	
<b>Certifications &amp; Qualifications:</b>  The products supported by this data sheet contain a maximum of 50 grams per litre VOC/VOS (0.42 lbs/gal.) excluding water & exempt solvents.  This product is compliant as a Flat Coating.  This product meets qualifications for LEED (Leadership in Energy and Environmental Design) projects as an Interior Flat Coating.  MPI: Is currently approved under MPI #64		Volume Solids <span style="float: right;">46.0 ± 1.0%</span>	
		Coverage per 3.79 L at Recommended Film Thickness  Note: 10 minute burn class A rating. ASTM-E-84 with spread rate: 2 coats at 300-330 square feet/gallon (4.7-5.2 mils WFT and 2.2-2.4 mils DFT each)  Note: 30 minute burn class A rating. ASTM E-84 with spread rate: 2-coats at 150-165 square feet/gallon (9.5-10.4 mils WFT and 4.4-4.8 mils DFT each).  Depending on surface texture and porosity. Be sure to estimate the right amount of paint for the job. This will ensure colour uniformity and minimize the disposal of excess paint.	
  ULC Flame Spread Rating: Class "A"; tested in accordance with ASTM E-84-10/30 (NFPA 255) and S-102; tested over Douglas fir.		Dry Time @ 25°C (77°F) @ 50% RH <span style="float: right;">30 Minutes</span> — Tack Free <span style="float: right;">4 Hours</span> — To Recoat	
		High humidity and cool temperatures will result in longer dry, recoat and service times.	
<b>Technical Assistance:</b>  Available through your local authorized independent dealer. For the location of the dealer nearest you, call 1-800-361-5898 or visit <a href="http://www.Insl-x.ca">www.Insl-x.ca</a>		Dries By <span style="float: right;">Coalescence</span>  Viscosity <span style="float: right;">70 – 80 KU</span>  Flash Point <span style="float: right;">N/A</span>  Gloss / Sheen <span style="float: right;">Flat (&lt;10 @ 85°)</span>	
		Surface Temperature at Application <span style="float: right;">10°C (50°F)</span> — Min. <span style="float: right;">35 °C (95 °F)</span> — Max.	
		Thin With <span style="float: right;">Not Necessary</span>  Clean Up Thinner <span style="float: right;">Warm, Soapy Water</span>  Weight Per 3.79 L <span style="float: right;">4.9 kg (10.8 lbs.)</span>	
		Storage Temperature <span style="float: right;">10°C (50°F)</span> — Min. <span style="float: right;">32.2°C (90°F)</span> — Max.	
		<b>Volatile Organic Compounds (VOC)</b>  45 Grams/Litre <span style="float: right;">0.37 Lbs./Gallon</span>	

◇ Reported values are for White. Contact dealer for values of other bases or colours.

## Fire Retardant Paint Latex Flat Finish FR-110

### 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 topcoating.

**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 logging onto Health Canada @ <https://www.canada.ca/en/health-canada/services/environmental-workplace-health/environmental-contaminants/lead/lead-information-package-some-commonly-asked-questions-about-lead-human-health.html>

### 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 10 °C (50 °F) or above 35 °C (95 °F).

**Brush:** Synthetic Bristle only.

**Roller:** 9.5 mm – 12.7 mm (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

#### Warning!

**Suspected of damaging fertility or the unborn child**

**Prevention:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.

**Response:** If exposed or concerned get medical attention.

**Storage:** Store locked up.

**Disposal:** Dispose of contents/container to an approved waste disposal plant.

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.**