



The Alsa Corporation

The Razor's Edge of Product Surface Technology

PyroProof™ Latex Fire Barrier (Thin Film Intumescent)

Application Guidelines

- While PyroProof™ tends to stay in suspension, use a shaker or turbine to thoroughly mix the product before application.
- Application rate per coat: 150 sq. ft. per gallon @ 7mil dry (approx 10 mil wet).
- 2 coats finished product total rate: 75 sq. ft. per gallon @ 14 mil dry.
- Structural steel requires multiple coats and 55 to 75 mils dft (1 hour and 2 hour ratings respectively), so coverage is 12 to 10 sq. ft. per gallon respectively. The exact number of coats varies depending on application technique, humidity, temperature, etc. The heavier the steel, the less coating is required to achieve desired UL or ASTM ratings.
- May be applied with sprayer, roller, brush, or mitt.
- Recommended spray application equipment is Graco (or similar) positive displacement piston sprayer at 1,200 to 2,500 psi with a #25 tip.
- Second coat can be applied as soon as first coat is dry to touch.
- Top coating is optional. To add color or sheen to surfaces PyroProof™ PFB may be top coated using any quality acrylic, alkyd, or enamel paint. Top coating does not reduce intumescent capability. Topcoat may be applied as soon as final coat of PyroProof™ PFB is dry to touch.
- Tinting is possible to pastel shades only. Limit tint to 10% of paint volume.
- Allow 5 days for complete cure.
- Cleanup is with soap and water.