



# Thin Film Intumescent Coating Inspection Course

# Thin Film Intumescent Coating Inspection

Build the knowledge and inspection skills needed to assess **thin film intumescent fire protection systems** used in construction.

Designed for Coating Inspectors and industry professionals, this online course provides **specialist training** in the inspection of coatings used to protect **structural steel in cellulosic fire environments**.

Gain the **confidence and expertise** to inspect intumescent fire protection systems across commercial buildings, infrastructure, and structural steel projects.

# Why study this course?

- Gain specialist expertise in inspecting thin film intumescent systems
- Demonstrate recognised competency in structural fire protection
- Improve career prospects in construction and fire protection industries
- Enhance credibility and professional standing as an inspector
- Build confidence in inspection, quality control, and compliance verification
- Contribute to safer buildings and meet best practice standards in fire protection
- Study flexibly to fit around your work schedule



# Thin Film Intumescent Coating Inspection



**Course Fee** £495.00 +VAT

**Online Exam Fee** £75.00 +VAT

**Study time:** 12 months access to 8 hours of online study concluding with a monitored multiple-choice final exam via questionmark.

**Certificate achieved:** Certificate of Achievement approved by ASFP

**Valid for:** 5 years

## COURSE CONTENT

- 1. Introduction to Thin Film Intumescent Coatings**  
Overview of coatings and legal requirements.
- 2. The need for Fire Protection (Fire Testing & Accreditation)**  
Importance of fire protection and basic testing/accreditation.
- 3. Intumescent Fire Protection Design**  
Key design requirements and considerations.
- 4. Intumescent Thickness, Selection Factor & Intumescent Fire Protection Types**  
How thickness is calculated and overview of coating types.
- 5. Intumescent Coatings – Wet & Dry Film Thickness**  
Understanding wet vs dry thickness and documentation.
- 6. Quality Control & Inspection of Intumescent Coatings**  
Role and duties of an intumescent inspector.
- 7. Health & Safety – Thin Film Intumescent Coatings**  
Risk assessments, COSHH, and method statements.
- 8. Inspection Equipment – Thin Film Intumescent Coatings**  
Basic equipment used for coating inspection.

## CERTIFICATE

Certificate of Achievement approved by ASFP, valid for 5 years.

## ENTRY CRITERIA

ICorr Level 1 Coating Inspection Certificate (or equivalent) or 12 months industry application experience (required to attend ICorr practical workshop and assessment prior to final exam).



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