

Thin Film Intumescent Coating Application Course



Thin Film Intumescent Coating Application Course

Intumescent coatings are applied to steel to prevent structural failure in the event of fire, it is therefore essential that these coatings are applied by trained and qualified coating applicators. Thorough and correct training in Thin Film Intumescent Coating saves time, money and ultimately lives.



Why attend this course?

Delivered by approved Train the painter Trainers, this 3 day course has been specifically created for both experienced and trainee Thin Film Intumescent Coating Applicators. Delivered practically and in the classroom (or online) this course offers fully comprehensive training in intumescent coating application.

Please note, if a CSCS card is required, students will need to attend an additional day of Health & Safety training.

Achieve an all-round understanding of intumescent paints, from the importance of surface preparation and correct application as specified, to maintaining equipment and reducing waste.

Course Delivery

Day one - Theoretical Lessons

- Fire protection design
- What is Intumescent Coating
- Fire protection of steel work
- Types of fire specifications
- Coating methodology
- Common intumescent coating failures
- Surface preparation and priming quantities
- Wet and dry thickness
- Intumescent coating types and mixing
- Drying times and top coats
- Inspection equipment
- Environmental conditions
- Finishing
- Quality documentation and risk assessments
- Intumescent coating specification
- Effects of poor application



Day Two - Airless Spray Practical Workshop

Session 1

- Risk assessments
- Method statements
- PPE and RPE
- Safety Awareness/Hazards
- Preparation equipment familiarization

Session 2

- Spray equipment familiarization
- Intumescent coating suppliers' instructions and maintenance manuals
- Spray equipment parts
- Setting up the spray equipment ready for use with intumescent paints

Session 3

- Material data sheets and understanding specific requirements for intumescent paints
- Selection of guns, tips, hoses and connectors
- Safety checks and pressures when using intumescent paints
- Flush materials (readiness for spray application)

Session 4

- Setting down
- Importance of cleaning intumescent paints from lines and all equipment
- Storage

Day Three - Airless Spray Practical Workshop

Session 5

- Beginning to use the spray equipment
- Final check of the pressures, tips etc.
- Material mixing
- Material flushing (spray equipment)
- Learning the spray techniques for thicker intumescent coatings
- Spray application of the coatings
- Geometries including Hollow columns, I-beams, angle beams
- Wet film thickness and calculations
- Visual appearance
- Common wet film defects in intumescent paint application

Session 6

- Working with intumescent specifications, code of practices and industry guidelines
- Importance of environmental conditions when applying and curing intumescent paints
- Dry film thickness
- Documentation
- Fault finding specific to intumescent coating systems and how to put them right

Session 7

- Assessments
- Practical assessments

Accreditations

This programme has been independently accredited and approved by the ASFP and BRE and the qualification is widely accepted and recognised across the firestopping industry.

Qualification Achieved

A 5 year TTP ID card accredited by the ASPF and BRE with CSCS approval (if the one day Health & Safety course was also attended.)

How to Enrol

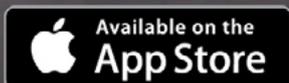
Please visit [corrodere.com/training-centres](https://www.corrodere.com/training-centres) to find your nearest training provider.

If you are interested in delivering this course, please contact the Corrodere Academy on info@corrodere.com or call +44 (0)1252 732236.

Corrodere Academy have also developed two free Apps.

The TTP Tools App aids with surface area calculations, pre-surface prep and much more on site assistance.

Our Log Book App allows you to accurately record practical experience at the touch of a button.



Corrodere Academy Ltd

Peel House, Upper South View,
Farnham, Surrey, GU9 7JN, England
T +44 (0)1252 732 236 E info@corrodere.com



Learn

Discover

Succeed

