Fire-protective coatings

Specify a tested application, with the required evidence.

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1 Define the objective

Reaction to fire concerns burning behaviour. Fire resistance concerns an element maintaining specified functions for a period.

2 Match the substrate

Identify the exact surface, assembly, orientation and exposure. A test on one construction does not cover all materials.

3 Read the evidence

Obtain the relevant classification, test or assessment and its permitted scope. Check applicability to the project jurisdiction.

4 Specify the coating

Confirm preparation, primer, dry-film thickness, number of coats and any required topcoat.

5 Control application

Use the manufacturer procedure and inspection records. Measure thickness using the approved method.

6 Keep it maintained

Plan inspection and repair of damage. Do not describe a coated construction as fireproof.

Before specifying: obtain coating evidence for the exact substrate and application.

REFERENCE GUIDANCE

Firefree: product-specific technical guidance
GOV.UK: Approved Documents (England)

Use current product instructions and the approved project design. For regulations, confirm the UK nation, applicable edition and transitional arrangements.