



SPECIALIST FIRE SOLUTIONS LTD

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**UPGRADING LATHE & PLASTER CEILINGS & PARTITIONS**  
**FIRE PROTECTION – ONE HOUR TO BS 476 PART 21: 1987**

**Envirograf Product 105: EP/CP Intumescent Coating system**

Envirograf EP/CP Intumescent Coating system can achieve **60 minutes fire integrity**.

We recommend the following procedure and loading rates

Please Note - The moisture content of the ceiling & partitions must be between 10 –12% prior to application.

1. Clean ceiling to remove any dirt, grease and remove any wall or lining paper, etc.
2. Scrape off any loose paint and remove any lime or distemper by washing down with warm water and sugar soap.
3. Allow to dry.
4. Rub the ceiling down with fine sand paper to achieve a key.
5. Apply 1 x brush coat **Envirograf ES/Stabond** to seal the porous ceiling to achieve a loading of 10 sq metres per litre
6. Apply 2 x brush coats of **Envirograf EP/CP Intumescent Coating** to achieve a total loading of 4 square metres per litre.
7. Apply 1 x brush coat of **Envirograf AEC white acrylic emulsion coating** to achieve a loading of 5 square metres per litre

**Example: 100m<sup>2</sup> of ceiling area will require 10 litres of ES/Stabond, 25 litres of EP/CP and 20 litres of AEC.**

**PLEASE NOTE:-**

Labels are supplied to adhere to the ceilings to prove that the Intumescent Coatings have been applied, and for future reference for Fire Officers and Building Control Officers.

**SPECIFIERS, DISTRIBUTORS AND INSTALLERS OF PASSIVE INTUMESCENT FIRE PREVENTION PRODUCTS**  
**SUPPLIERS AND INSTALLERS OF WIRED AND WIRELESS FIRE ALARM SYSTEMS**

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Working in partnership with



Nationwide Association  
of Passive Fire  
Installers & Specifiers

