



# Promat

## GREEN FIRE PROTECTION Cafco SPRAYFILM WB3®

### SITE / SHOP APPLIED WATER BASED INTUMESCENT COATING SYSTEMS

#### SAFE TO USE

Water based intumescent coatings are safe to use during application on site or in shop and they are environmentally friendly, with Cafco SPRAYFILM WB3® having virtually ZERO VOC'S\* (volatile organic content), they therefore can be used safely alongside other trades. There is no possibility of solvent build up in confined spaces and no requirements for special flammable storage areas.

#### ACHIEVE UP TO A TWO HOUR FRL

Independently tested by approved laboratories to meet the requirements of: AS1530: Part 4 and many other international test standards.

All materials are manufactured under ISO 9001 accredited quality assurance procedures and ISO14000 environmental procedures.

#### ECONOMIC LOADINGS

The cost per litre or kilogramme of a coating can be very misleading. Products can vary considerably in the coating thickness (LOADINGS) required to provide a specific fire resistance. A particular product may at first glance appear cheap, based on its volume or weight cost, but taking into account the overall thickness of the coating required to achieve your FRL, they can prove very costly on a m<sup>2</sup> area basis.

#### APPLIED IN A SINGLE COAT

It is possible to apply Cafco SPRAYFILM WB3® in a single coat application to a wide range of steel section sizes and achieve a high level of cosmetic finish.

#### COLOURED COSMETIC FINISH

Cafco SPRAYFILM WB3® is fully recoatable with approved top coats which are available in a full colour range AS2700, RAL, NCS etc if required to ensure the designer has the ability to allow free reign with their imagination and colour schemes.

\* 0.2G/L when tested to UESPA Method 8260B and SCAQMD air quality Rule 1168.

# Typical Intumescent Fire Protection Specification Interior, Dry Environments (C1, C2) Cafco SPRAYFILM WB3®

Meeting the performance requirements of all of the following Standards

**AS1530: Part 4** for 30, 60, 90 or 120 minutes

**BS476: Part 21: 1987** for 30, 60, 90 or 120 minutes

**CIRIA** Specification I-1, I-2 (life of the building)

**Corus Group** System No's B1, B2 and B3 (55+ years)

**BS5493** SF1, SF2, SF4, SF5 (Interior of buildings normally dry, 10-20 years)

**ISO12944** S1.05, S2.02 (5-15 years in C2)

Paint System	Epoxy Zinc Phosphate Primer / Water Borne Intumescent
Items	Interior Steelwork
Surface Preparation	Blast clean to ISO 8501-1:1988, Preparation Grade Sa2.5, or AS1627.4 with a medium Profile, 30-60 microns.
Primer	<b>Cafco Approved Primer</b> if only to AS1530.4
Dry Film Thickness	75 Microns DFT (Nominal), fast track construction
Colour	Red Oxide or Grey
Site Preparation	Repair shop coats and clean down as specified
Site Intumescent	<b>Cafco SPRAYFILM WB3®</b>
Dry Film Thickness	As per loading / fire resistance specified (30, 60, 90 or 120 minutes)
Standard of Finish	Basic, Normal or High Decorative Finish
Site Finish	<b>Cafco Approved Topseal</b> (where required)
Dry film Thickness	2 coats at 40 microns DFT per coat
Colour	To be specified
Total DFT	<b>75 microns primer + intumescent / topseal</b>

## Suitable for Projects such as:

Internal steelwork in a C1 or C2 (ISO 12944-2:1998) environment such as Offices, retail outlets, warehouses, distribution centres, schools, hotels, hospitals, airport terminals, exhibition halls. For non fast track construction and coastal locations use an increase primer dft of 125 microns. Topseal is not required in a C1 environment unless needed for a cosmetic finish. C2 environment 2 coats of approved topseal required.

## Life to First Maintenance:

The type of system described above is considered suitable for up to a 20 year life to first maintenance in an internal, normally dry environment and in most cases would be expected to last the life of the building with annual inspections and maintenance to any damage within the guidelines of AS1851 part 17 and BS8202-2.



1. This document is formulated on the basis of information and experience available at the time of preparation. Cafco is constantly reviewing and updating all of its test data and reserves the right to change specifications without notice.
2. Cafco is not responsible if recipients of Fire test reports, assessments or literature incorrectly interpret their contents and use products or systems based on those interpretations.

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