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## Cafco SPRAYFILM® WB3, Intumescent Fire Protection Coating

Robertson Coatings are fully accredited contractors and specialises in applying state-of-the-art Cafco SPRAYFILM® WB3. We also provide ISO 9001/2008 as well as Health & Safety AS 4801 certification that ensures you are dealing with a company that meets the highest standards of quality and safety.

Cafco SPRAYFILM® WB3 is a water-based intumescent coating consisting of polyvinyl acetate resins and fillers for the fire protection of structural steel.

Cafco SPRAYFILM® WB3 is preferably spray applied directly to the contour of primed 'I' and 'H' section columns and beams, and hollow sections, to provide fire protection for up to 120 minutes.

In a fire, a chemical reaction takes place, causing product to expand and form an insulating layer which prevents the temperature of steel rising to a critical level.



Contact Robertson Coatings for a free onsite assessment and quotation on 1300 262 846 or visit our website for more further information at [www.robertsoncoatings.com.au](http://www.robertsoncoatings.com.au)



<b>Colour and finish</b>	White with a slight sheen. Preferably spray applied with airless paint equipment for speed and quality of finish. Brush and roller application is also possible
<b>Maximum thickness per coat</b>	Wet film thickness (WFT) at 1.6mm using spray and 0.76mm using brush. For airless spraying, several thin coats as opposed to one heavy coat will give greater control over finish and thickness.
<b>Practical coverage</b>	Dependent on surface texture, substrate, application method and technique.
<b>Theoretical coverage</b>	Approximately 27m <sup>2</sup> /pail at 0.5mm dry film thickness (DFT)
<b>Number of coats</b>	One or more as required
<b>Cure</b>	By air drying
<b>Initial set</b>	Approximately 6 hours at 20°C and 50% RH for 0.4mm WFT
<b>Solids by weight</b>	70% ± 2%
<b>Density</b>	1.33kg/litre
<b>Surface burning</b>	Flame spread 5, smoke development 35 when tested to ASTM E84.
<b>Durometer hardness</b>	80 shore D when tested to ASTM D2240
<b>Impact resistance</b>	18kg/m when tested to ASTM D2794
<b>Abrasion resistance</b>	0.6505g/1000 cycles when tested to ASTM D4060
<b>pH value</b>	8.0 ± 0.2 at 25°C

Structures protected with Cafco SPRAYFILM® WB3 Fireproofing have undergone fire resistance tests at approved independent laboratories to recognised standards throughout the world, including:

- UK (BS476: Part 21: 1987)
- Canada and USA (ASTM E119 and ASTM E84)
- Australia (AS1530: Part 4)

Assessed in accordance with ASFP "Fire Protection for Structural Steel in Buildings" procedures.

### Advantages

- Provides fire resistance for up to 120 minutes in accordance with BS476: Part 21 and AS1530 Part 4 and up to 180 minutes in accordance with ASTM E119.
- Durable and decorative finish.
- Steelwork may be left exposed to view.
- Chemical and abuse resistant.
- Can be top coated to match surroundings.
- Easy application and clean up with water.
- Fast drying time.

