



INCREASED PRODUCTIVITY OF SITE-APPLIED FIRE PROTECTION COATING

Every second counts, and not just in the event of a fire. When applying intumescent fire protection systems on-site, productive, quick, and easy-to-use products are essential to meet clients' requirements and keep to tight construction schedules. However, on a protected structure, the fire strategy is only as strong as the specification behind it.

FIRETEX® FX5092 – The latest enhancement to our range of water based intumescent coatings comes with significant upgrades, providing three times better performance for thin hollow sections. This enables contractors to protect the entire structure with one specification, one set of approvals, and one supplier. The result is simpler application, easier inspection and sign-off.



**1 component
water-based technology**

KEY FEATURES & BENEFITS

- **Increased productivity through higher film builds** – reduces number of coats and overall time required
- **12-month shelf life** for easier inventory management
- **Lower VOC (0.66 g/l)** achieving highest level of green building objectives
- **Up to 2 hours of fire resistance** in indoor environments (ISO 12944-2, Categories up to C3)
- **Aesthetic finish** – Designed to protect and enhance exposed structural steel, giving a clean and smooth finish
- **Available through NBS Source**, enabling faster specification and helping architects and engineers choosing a compliant fire protection solution

TESTED AND CERTIFIED PROTECTION

- BS476 certified for use in UK, Certifire CF10374
- Highly competitive loadings for 90 and 120 minutes
- Meets LEED and BREEAM requirements
- Class leading reaction to fire with and without topcoat: B-s1,d0

TYPICAL APPLICATION AREAS

- Commercial and institutional buildings
- Healthcare facilities
- Industrial manufacturing and processing facilities, for Food and Beverage, and Pharmaceutical
- Data centres

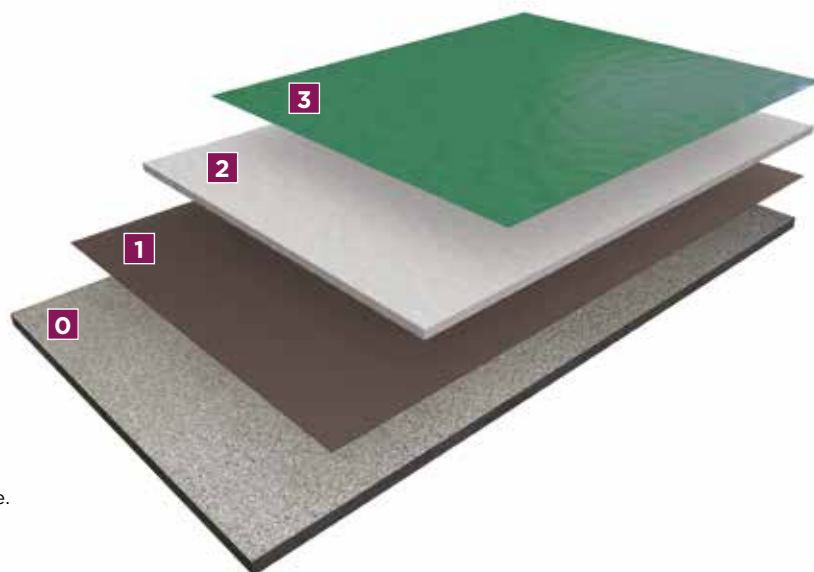
FIRETEX® FX5092

WATER-BASED 1-PACK INTUMESCENT FIRE PROTECTION

STANDARD SYSTEM SPECIFICATION

- 0** Carbon steel or galvanised steel
- 1** Primer*:
Macropoxy® 400 Series
- 2** Intumescent Coating:
FIRETEX® FX5092
- 3** Topcoat*:
Sher-Cryl® M770 or Acrolon® 7700

* Sherwin-Williams offer a number of alternative primers and topcoats, for details of approved products and surface preparation please contact your Sherwin-Williams representative.



Profile range of FIRETEX FX5092

Component and profile type	Critical steel temperature	Fire resistance rating			
		90 minutes		120 minutes	
		Section factor [m ⁻¹]		Section factor [m ⁻¹]	
		FX5090	FX5092	FX5090	FX5092
I/H Beams (3-sided)	580°C	5-335	5-365	5-335	5-365
I/H Columns	500°C	5-380	5-375	5-250	5-300
RHS/SHS Columns	500°C	5-180	5-250	5-85	5-245
CHS Columns	500°C	5-180	5-235	5-85	5-235

THE SHERWIN-WILLIAMS DIFFERENCE

Sherwin-Williams Protective & Marine delivers world-class industry subject matter expertise, unparalleled technical and specification service, and unmatched regional commercial team support to our customers around the globe. Our broad portfolio of high-performance coatings and systems - including protective liquid and powder, fire protection and resinous flooring - excel at combating corrosion and help customers achieve smarter, time-tested asset protection. We serve a wide array of markets across our rapidly growing international distribution footprint, including Bridge & Highway, Energy, High Value Infrastructure, Manufacturing & Processing, Marine, Rail, Power and Water & Wastewater.

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