



**SHERWIN
WILLIAMS®**

FIRETEX® FX9500

EXTREME EXTERNAL
ENVIRONMENT INTUMESCENT
PASSIVE FIRE PROTECTION



FROM SPEC TO PROTECT

protectiveemea.sherwin-williams.com



FIRETEX® FX9500

INNOVATION IS A KEY GUIDING
VALUE OF OUR BUSINESS

Utilising hydrocarbon fire technology and a long standing track record which includes some of the world's most iconic structures, Firetex® FX9500 marks the next generation in epoxy intumescent coatings, on projects where external long term durability is a concern.

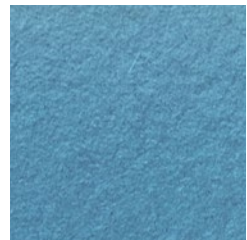
Firetex FX9500 is an exterior durable intumescent, which can be applied directly onto blast cleaned steel. It is suitable for application in-shop and on site. Firetex FX9500 can be used in internal and external C5I environments without topcoat.*

Offering an aesthetically pleasing appearance which requires no back rolling or sanding, Firetex FX9500 is a cost effective, scrim free, high volume solids product, with user friendly application properties which can be applied by single airless leg spray.

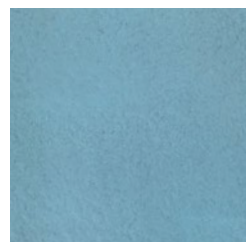
Using Firetex FX9500 would offer a 40-60% saving** on the volume required.

* As defined in ISO 12944-2:1998 with appropriate maintenance.

** Based on 60 minute protection, 25-30% would be achieved on 120 minute protection.



Sprayed



Rolled

DESIGNED FOR EXTREME EXTERNAL ENVIRONMENTS

AESTHETICALLY PLEASING

No need to back roll or sand to achieve a decorative finish

- Offers greater design flexibility
- Less waste
- Saves man hours and helps to reduce costs
- Reduces health, safety and environmental issues from dust.

Speed and ease of application

- Can be applied by single leg airless spray which speeds up the process
- Scrim free†
- Sag resistant up to 3mm in one coat.

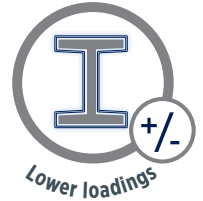
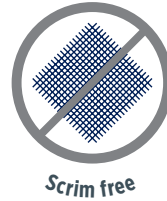
ULTRA DURABLE EPOXY INTUMESCENT

Suitable for use in a C5-I environment*

- Passes ETAG X cycle and C5-I Chemical Weathering
- Offers 60, 90 and 120 minute fire protection both internally and externally
- Approved to BS476.

Firetex® FX9500 provides significantly improved competitive film thicknesses against a traditional products, which offers significant cost savings on volume required.

PRODUCT FEATURES



PROTECTION FEATURES



† Thicknesses in excess of 8.578mm on 4-sided I-Section columns must have the addition of a reinforcing mesh mid depth with Firetex® J120 Scrim cloth.





TECHNICAL INFORMATION

Recommended use

An epoxy intumescent coating designed for internal and extreme external environments, C5-I⁺⁺.

Fire protection

60, 90 & 120 minutes.

Certification

BS476. Certifire approved CF5441.

Durability

Life of building C1/C2/C3.

Up to 30 years C4.

Up to 25 years C5-I.

Volume solids

95 +/- 4%.

VOC

45.5 gms/litre determined practically in accordance with UK Regulations PG6/23.

135 gms/litre calculated from formulation to satisfy EC Solvent Emissions Directive.

99 gms/kilo content by weight from formulation, to satisfy EC Solvent Emissions Directive.

Primers

Macropoxy™ L574 blast primer, Macropoxy™ C425V2 zinc phosphate primer, Macropoxy™ C400 range, Macropoxy™ M111 wet blast primer, Firetex® C69 fast track blast primer.

Approved topcoats

Acrolon™ 7300, Acrolon™ 1850, Acrolon™ C137V2. Firetex® FX9500 is indefinitely overcoatable with itself.

Application

Single leg airless spray, trowel (small areas and touch up only).

WFT (um)

2100.

DFT (um)

2000[‡].

Time to touch dry

12hrs @ 15°C. 8hrs @ 23°C.

Time to recoat

12hrs @ 15°C. 8hrs @ 23°C.

Time to handle

36hrs @ 15°C. 24hrs @ 23°C.

Pot life

35mins @ 15°C, 30mins @ 23°C.

⁺⁺ As defined in ISO 12944-2:1998 with appropriate maintenance.

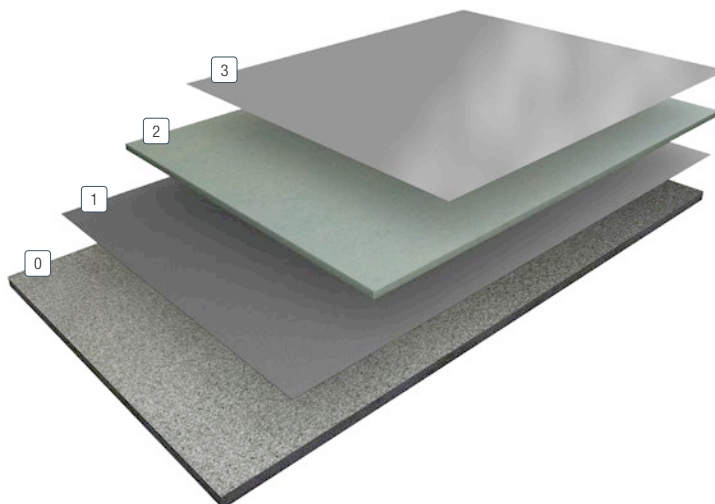
[‡] Maximum sag tolerance typically 3000um DFT by airless spray.

FIRETEX FX9500

SYSTEM PORTFOLIO

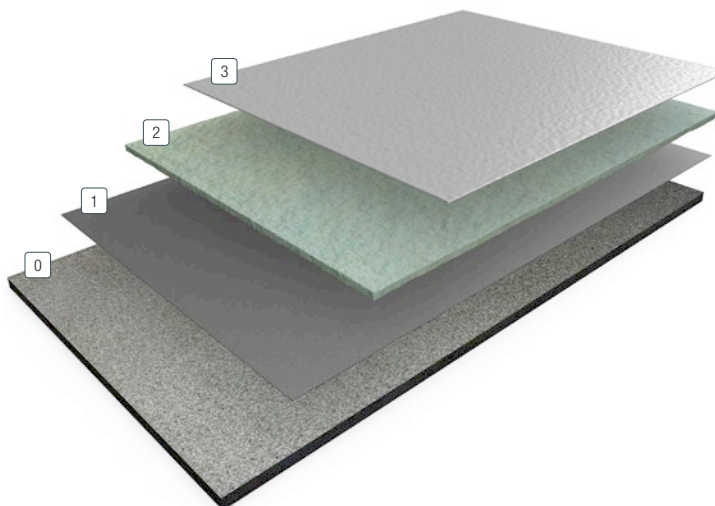
Smooth

- 3 Topcoat:
ACROLON™ 7300‡
- 2 Intumescent:
FIRETEX® FX9500
- 1 Primer:
FIRETEX® C69‡
- 0 Carbon steel:
Blast clean to Sa2½
BS EN ISO 8501-1:2007



Sprayed

- 3 Topcoat:
ACROLON™ 7300‡
- 2 Intumescent:
FIRETEX® FX9500
- 1 Primer:
FIRETEX® C69‡
- 0 Carbon steel:
Blast clean to Sa2½
BS EN ISO 8501-1:2007



‡ Other Sherwin-Williams topcoats and primers are also recommended. See Technical Data Sheet for details.



KEY APPLICATIONS

Infrastructure

- Bridges
- Cranes
- Commercial buildings
- Manufacturing plants
- Sporting arenas
- Transportation hubs
- Warehouses





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INTUMESCENT PASSIVE FIRE PROTECTION

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 that excel at combating corrosion helps customers achieve smarter, time-tested asset protection. We serve a wide array of markets across our rapidly growing international distribution footprint, including oil and gas, water and wastewater, bridge and highway, steel fabrication, flooring, food and beverage, rail and power, marine and passive fire protection.

SHERWIN-WILLIAMS®

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