



INTUMESCENT FIRE-RESISTIVE MATERIALS FOR PROTECTION AGAINST CELLULOSIC FIRES



FROM SPEC TO PROTECT

sherwin-williams.com/protective



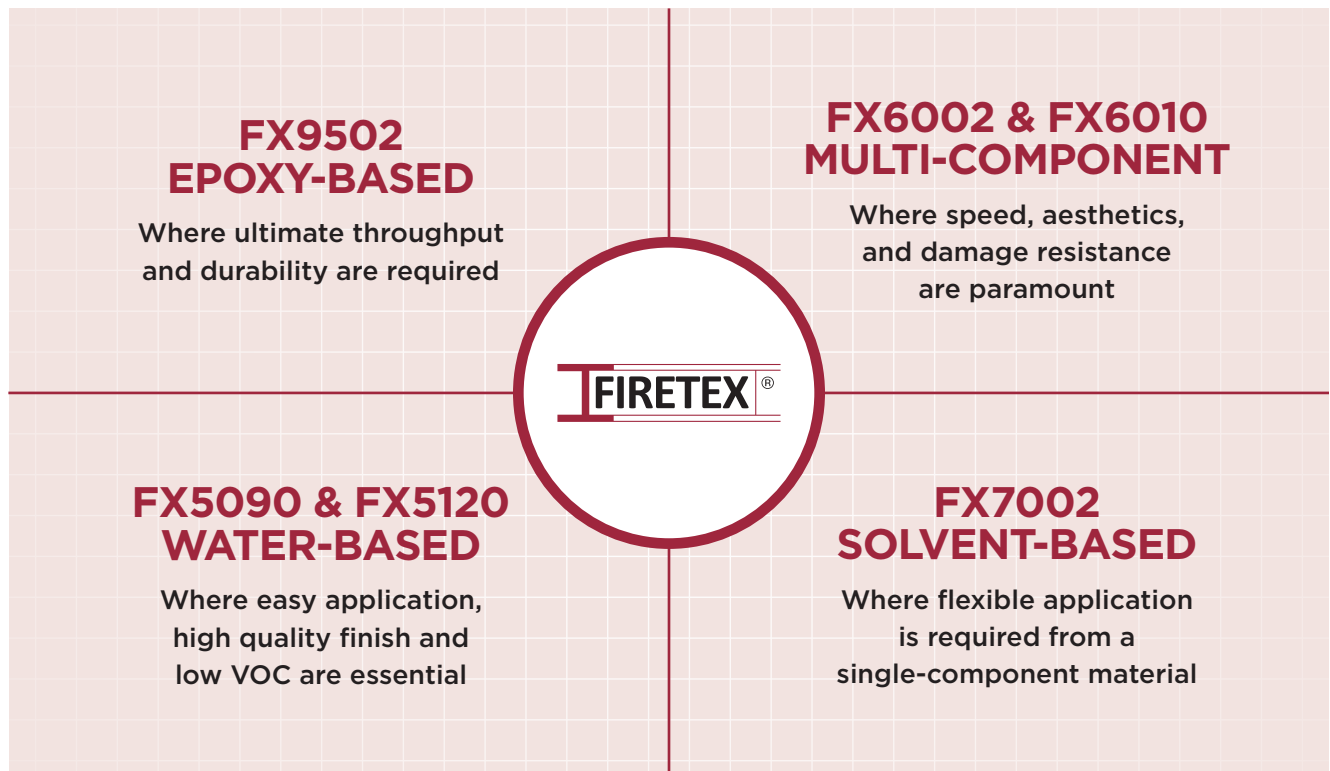
WORLD-CLASS CELLULOSIC FIRE PROTECTION

Sherwin-Williams FIRETEX® series is a comprehensive line of intumescent coatings designed to provide long-term service and critical fire protection to structural steel for up to four hours while meeting demanding construction speed and design aesthetic requirements.

The FIRETEX family of intumescent fire protection coatings are optimized for application in shop or at the job site, ensuring that whatever the construction schedule, there is a FIRETEX solution to meet your needs.

From the FX5000 series of water-based coatings developed to provide aesthetic fire protection, to FX9502 designed to provide outstanding durability in the most aggressive environments, the FIRETEX line of coatings is the trusted and reliable solution for your asset.

FULL LINE OF ACCREDITED AND APPROVED SOLUTIONS



ADDITIONAL FIRETEX® SUPPORT

Product Support
Estimating Support and Software
Design and Optimization Support for Engineers
Tech Service

FIRETEX® FX9502

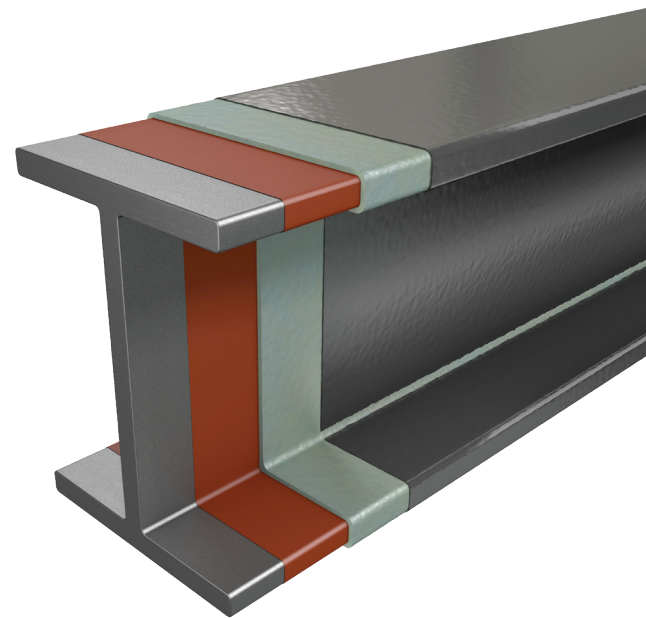
Ultra-durable, epoxy-based intumescent fire protection



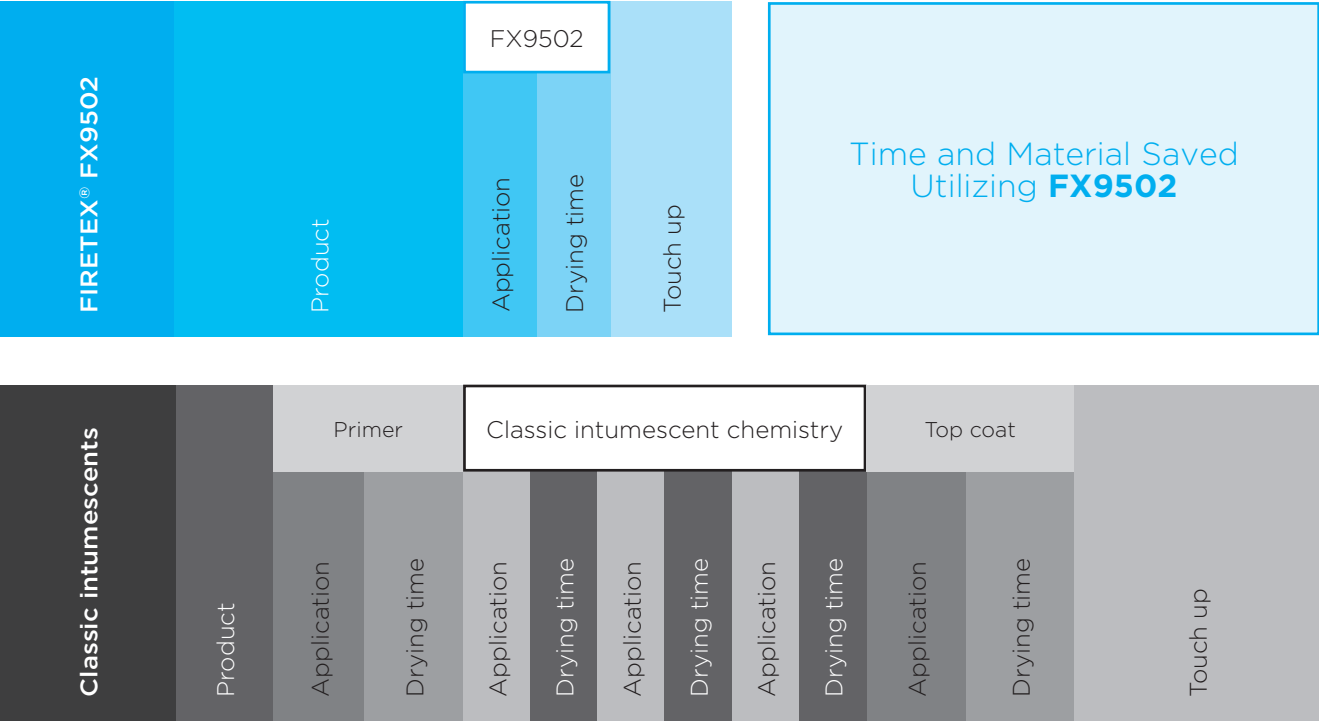
Construction customers not only expect the proper fire protection certifications but also ways to enhance the value of their projects with superior quality, durability, sustainability and aesthetics.

To meet these needs, Sherwin-Williams has developed FIRETEX FX9502, a mesh-free, 100% solids epoxy intumescent coating offering up to four hours of protection to structural steel. FX9502 has been formulated to provide corrosion protection, damage resilience and fire protection in one seamless solution. FX9502 is ASTM E119, CAN/ULC-S101 and UL 2431 (UL1709) certified for:

- Interior conditioned space
- Interior general-purpose space
- Exterior environmental purpose



FX9502: FEWER COATS = MORE TIME AND COST SAVINGS



KEY BENEFITS

In-Shop Application

Flexibility for application in shops and modular yards
(also suitable for on-site application)

Solvent-Free

<1 g/l VOC and meets BREEAM requirements

Tough and Durable

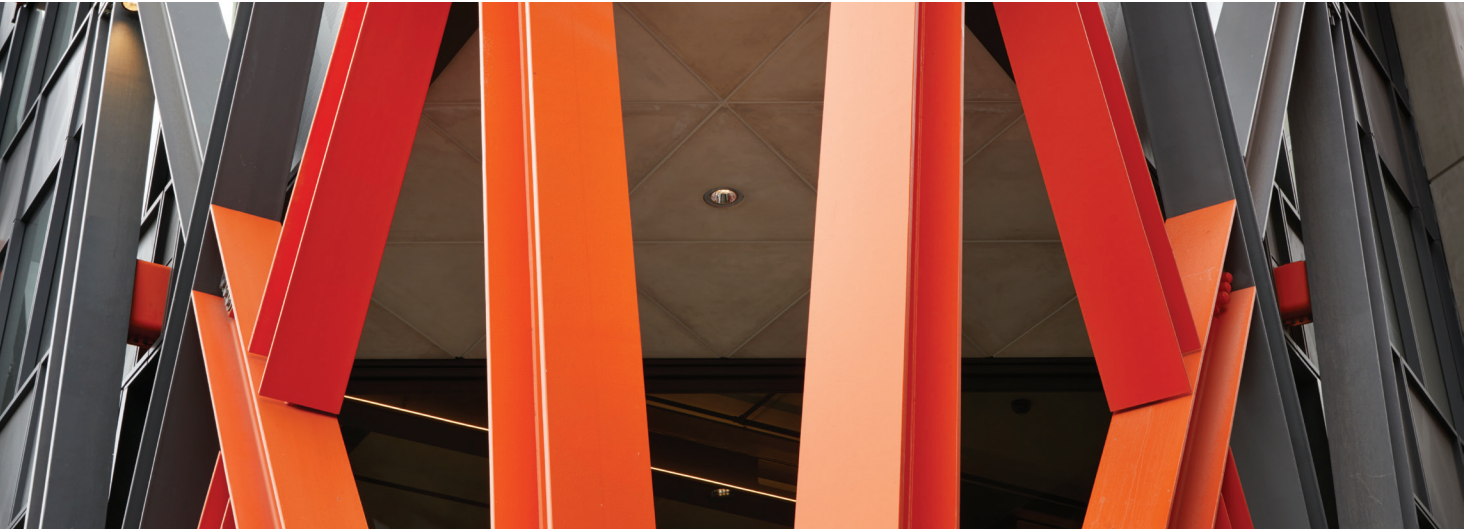
Damage-resistant during transportation and outdoor storage;
excellent for use on exterior service environments

2 in 1: Fire Protection + Corrosion Protection

Superior protection compared to cementitious and single-component acrylics

FIRETEX® FX6002

Ultra-fast drying multi-component intumescent fire protection



FIRETEX® FX6002 has been designed to give the shortest possible time from application to handling for fire resistance periods up to three hours.

It delivers unparalleled drying time, an extended range of approved fire scenarios and up to 25 years of exterior durability to support design flexibility and creative exposure of structural steel surfaces in building design.

- ASTM E119, UL CDYD and UL CDXA certified for fire protection
- Meets UL 2431 durability requirements
- Suitable for shop or field application

KEY BENEFITS



One hour drying time



Aesthetic

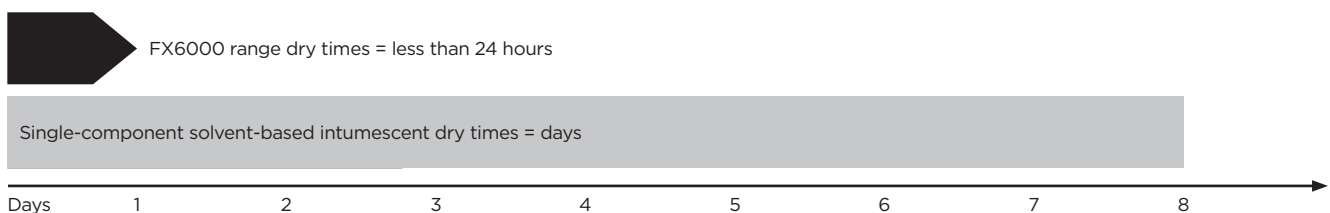


Mechanical resilience



Durable

FIRETEX FX6002 AND FX6010: ACCELERATED DRY TIMES



FIRETEX® FX6010

Fast drying multi-component intumescent fire protection



FIRETEX® FX6010 is a fast-drying intumescent fire protection coating with rapid overcoating times, superior durability, pleasing aesthetics, shop and on-site application capabilities.

FX6010 can be applied by industry standard suction-feed airless spray equipment, giving greater flexibility for the contractor to complete the application on- or off-site. The rapid drying characteristics enable high productivity with accelerated application, cleanup, inspection and hand-over – reducing construction schedule.

- UL 263, ASTM E119, ASTM E84, UL CDXA, CAN/ULC – S101 certified
- LEED v4 and v4.1 certified
- Ultra-fast dry, allowing rapid shop throughput and completion of projects onsite
- Low VOC, reducing environmental impact

KEY BENEFITS



Single-leg airless spray



Faster drying accelerates overcoating, inspection and hand-over



Superior finish



Tested and certified protection

FIRETEX® FX5000 SERIES

Water-based intumescent fire protection



Our water-based acrylic coatings provide highly competitive solutions for the protection of structural steelwork for periods of 15 to 120 minutes.

This easy-to-apply, water-based, thin-film coating has an extremely smooth, paint-like finish that helps achieve attractive design on interior and exterior steel.

- ASTM E119, UL 263, UL CDXA and UL CDYD certified fire protection
- Suitable primarily for field application
- High bond strength
- Excellent edge retention and film build properties
- LEED v4 and v4.1 certified

KEY BENEFITS



**Extremely low
VOC levels**



**Single-component
brush/airless application**



**Extremely smooth
aesthetics**



**Up to two-hour
fire rating**

FIRETEX® FX7002

Solvent-based intumescent fire protection



FX7002 is a solvent-based, thin-film intumescent fire protection coating designed to meet the highest performance and aesthetic demands of today's commercial construction industry.

This coating provides up to two hours of fire protection with extremely competitive coating thickness required for interior concealed and exposed structural steel substrates.

It has among the industry's broadest range of approved beam listings for a solvent-based acrylic fire protection coating. Combined with the coating's lightly textured, flat-white finish, this coating delivers more freedom to building owners and designers to construct unique structures featuring architecturally exposed structural steel (AESS).

- ASTM E119/CAN-ULC-S101, UL 263-certified
- Passed a wide variety of tests on restrained and unrestrained beams, eliminating the need for extrapolation
- Broader onsite application window with ability to spray in cooler and more humid conditions

KEY BENEFITS



High wet film build



Up to two-hour
fire rating



Impact-resistant



Single-component
application

FROM START TO FINISH

The **Sherwin-Williams Fire Protection Team** offers expert advice on which coatings can be used in different sections of a building in order to optimize the passive fire protection of the structural steelwork. The service offered by the team coupled with our third party verified software solutions is unique within the industry and available around the clock.



For fire engineering, estimation or
FIRETEX thickness inquiries:
Email: feet.support@sherwin.com

The Estimation Process

When a project's details are submitted, such as 3D BIM Tekla Structures models, along with environment specification, a highly trained team calculates thicknesses across multiple fire rating time frames against our extensive product range to provide the most economical, cost effective and fire-safe solution for the project.

This also includes advanced structural fire engineered approaches. Data can be seamlessly shared back to the 3D BIM model for future building maintenance and fire management.

Services Offered

- Specification development
- Field technical service support
- Application training
- Site/survey evaluation assistance
- Project take-offs using certified data
- Design phase steel optimization services
- Building information modeling (BIM) integration tools



UNMATCHED DISTRIBUTION AND SERVICE

Products You Need Right Now

Get the products you need with same- or next-day delivery and gain access to local inventory at nearly 5,000 company-owned distribution points in North America.

Technical Service for Optimal Applications

Our technical service team offers extensive technology, product knowledge and manufacturer equipment training to ensure proficiency throughout the entire coatings process.



FIRETEX® SERIES

INTUMESCENT FIRE RESISTIVE
MATERIALS FOR PROTECTION
AGAINST CELLULOSIC FIRES

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.



Unparalleled
distribution network



Global
industry expertise



Most extensive sales
organization coverage



Unmatched
technical and
specification service

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Protective & Marine Coatings
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