



# FIRETEX® FX5062/FX5090/FX5120

Water based intumescent coatings designed for internal environments.



Sherwin-Williams latest generation water based acrylic coatings **provide highly competitive solutions for the protection of structural steelwork for periods of 15 to 120 minutes.** Designed for application to erected steelwork they are suitable for use in internal environments fitting in the **ISO12944-2 corrosivity categories C1 and C2** where they will provide a **long term cost effective fire protection solution.**

Formulated for **ease of application** FIRETEX® water based intumescent coatings can be used to **provide a great visual appearance on steelwork** which will be visible in the finished building.

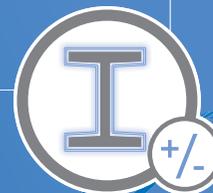
The **three variants complement each other** to ensure that Sherwin-Williams product offer is as competitive as possible across different fire protection periods and steel shapes and sizes.

## Volume reduction, save time & £££'s

- Lower loadings for effective fire protection.
  - Greater design flexibility.
  - Optimised specifications.
  - Single coat coverage.
- Increased application throughput.
  - Speed up project completion.
  - Fewer coats, reducing downtime.

## Up to two hours protection

- Designed for cellulosic fire protection.
  - Competitive solutions from 15 to 120 minutes Passive Fire Protection.
  - Long lasting durability – up to 20 years in an external environment.
- Fully tested for your reassurance.
  - ISO 12944-2 – C1 and C2.
  - Tested to BS476 Part 20/21.
  - Assessed to ASFP Yellow Book 5th Edition.



TM = is a registered trademark in one or more countries.



[www.sherwin-williams.com/protectiveEMEA](http://www.sherwin-williams.com/protectiveEMEA)

**Protective & Marine Coatings**  
Europe, Middle East & Africa



# FIRETEX® FX5062/FX5090/FX5120

Water based intumescent coatings designed for internal environments.



Product	FIRETEX® FX5060	FIRETEX® FX5090	FIRETEX® FX5120
Recommended use	FIRETEX® FX5060 is designed for application by airless spray to provide fire resistance for periods of up to 90 minutes on structural steel. For use in internal dry controlled environments without topcoat (C1 according to ISO12944-2:1998) and internal semi-controlled environments with topcoat (C2 according to ISO12944-2:1998).	FIRETEX® FX5090 is designed for application by airless spray to provide fire resistance for periods of up to 120 minutes on structural steel. For use in internal dry controlled environments without topcoat. (C1 according to ISO12944-2:1998) and internal semi-controlled environments with topcoat (C2 according to ISO12944-2:1998).	FIRETEX® FX5120 is designed for application by airless spray, to provide fire resistance for periods of up to 120 minutes on structural steel. FIRETEX® FX5120 can also be used to enhance the fire resistance of concrete slabs and decks up to 60 minutes. For use in internal dry controlled environments without topcoat (C1 according to ISO12944-2:1998) and internal semi controlled environments with topcoat (C2 according to ISO12944-2:1998).
Fire Protection	90 minutes.	120 minutes.	120 minutes.
Certification	CF5267.	CF5188.	CF5012.
Durability	Life of Building (C1). Up to 20 years with appropriate sealer (C2).		
Volume Solids	69 + - 3%.		
VOC	35g/litre.	0.19g/litre.	3.35g/litre.
Recommended primers	A range of primers have been fire tested and approved for use with FIRETEX®. Please consult Sherwin-Williams Customer Service Department for detailed information.		
Approved topcoats	If it can be guaranteed that application and subsequent in-service conditions will be in a C1 environment as defined in ISO 12944-2:1998, then no topcoat is required. For any other situation a topcoat must be applied, consult Sherwin-Williams Customer Service Department for advice. Sher-Cryl™ M770 FIRETEX® M71V2, Acrolon™ C137V2 or C237. These products should be used for subsequent re-decoration.		
Application	Single component airless spray and brush.		
WFT (µm)	1450 per coat by airless spray.		
DFT (µm)	1000 per coat by airless spray.		
Time to touch dry (Typical)	1.5hrs @ 23°C (dependant on film thickness and drying conditions).	1.5hrs @ 23°C (dependant on film thickness and drying conditions).	3hrs @ 23°C (dependant on film thickness and drying conditions).
Time to recoat (Typical)	4hrs @ 23°C (dependant on film thickness and drying conditions).	4hrs @ 23°C (dependant on film thickness and drying conditions).	6hrs @ 23°C (dependant on film thickness and drying conditions).
Time to handle	Depends on the total thickness of FIRETEX® FX5060 to be applied.	Depends on the total thickness of FIRETEX® FX5090 to be applied.	Depends on the total thickness of FIRETEX® FX5120 to be applied.

TM = is a registered trademark in one or more countries.



[www.sherwin-williams.com/protectiveEMEA](http://www.sherwin-williams.com/protectiveEMEA)

Protective & Marine Coatings  
Europe, Middle East & Africa



# FIRETEX<sup>®</sup> FX5062/FX5090/FX5120

Water based intumescent coatings designed for internal environments.



## ■ FIRETEX<sup>®</sup> FX5060.

Certified loadings for time periods from 15 to 90 minutes, it is primarily aimed at the needs of the 60 minute fire protection (period) market but also finds use on 90 minute projects.

## ■ FIRETEX<sup>®</sup> FX5090.

Certified loadings for time periods from 15 to 120 minutes, it is primarily designed to meet the needs of 90 minute fire protection projects, but also finds use on 120 minute projects.

## ■ FIRETEX<sup>®</sup> FX5120.

Certified loadings for time periods from 60 to 120 minutes and is primarily formulated to meet the needs of 120 minute fire protection projects.

## The Sherwin-Williams Company

With over 150 years experience in the coatings industry we understand how critical it is that your investment gives you a quality, long term fire protection system, which performs in demanding environments.

Whether you specify FIRETEX<sup>®</sup> alone or in conjunction with Sherwin-Williams exceptional primers and topcoats, you can be assured that you are selecting a passive fire protection system that has been researched, developed and tested to the highest international standards.

Speak to your Sherwin-Williams representative to get an estimate on your next project using FIRETEX<sup>®</sup> intumescent materials.

### To learn more, contact us

Europe, Middle East & Africa: +44 (0)1204 521771

North America: +1 800 524 5979

Asia: +8 621 5158 7798

[sales.uk@sherwin.com](mailto:sales.uk@sherwin.com)

[www.sherwin-williams.com/protectiveEMEA](http://www.sherwin-williams.com/protectiveEMEA)

©2016 The Sherwin-Williams Company  
Protective & Marine Coatings

3/16 EMEA0115/V03



[www.sherwin-williams.com/protectiveEMEA](http://www.sherwin-williams.com/protectiveEMEA)

**Protective & Marine Coatings**  
Europe, Middle East & Africa