



FIRETEX[®] FX6002

ULTRA-FAST DRYING INTUMESCENT
PASSIVE FIRE PROTECTION





FIRETEX[®] FX6002

INNOVATION IS A KEY GUIDING
VALUE OF OUR BUSINESS

We innovate to ensure that our customers are the first to benefit from pioneering advancements in products, coatings and their application. The latest FX6000 Series release is the perfect example.

The second generation of the FX6000 Series technology, FX6002 is a unique and innovative patented technology. It delivers unparalleled speed of drying, together with an extended range of approved fire scenarios and 20 years exterior durability to support design flexibility and creative exposure of structural steel surfaces in building design. This second generation extends the scope of protection to lighter steelwork than previously possible with FX6000 whilst at the same time reduces the required thickness. FX6002 ultra-fast drying feature removes drying “bottlenecks” in the paint shop and develops rapid weather resistance if applied on-site. Its excellent mechanical durability minimises transport and erection damage as efficiently as it resists the challenges of a busy and congested construction-site.

DRY IN ONE HOUR, SAVE TIME AND MONEY

Faster drying

- Dry to handle or overcoat in just one hour. Imagine, a 120 minute hollow section painted, dried, DFT checked and topcoated in a single shift!
- Can be exposed to weather after just four hours. For site application, rain forecast later? No need to stop painting now.
- Mechanically tough and resilient to reduce risk of damage. Experience with FIRETEX FX6000 has shown substantial reductions in transport and erection damage, FIRETEX FX6002 has the same toughness and reduced DFT's.

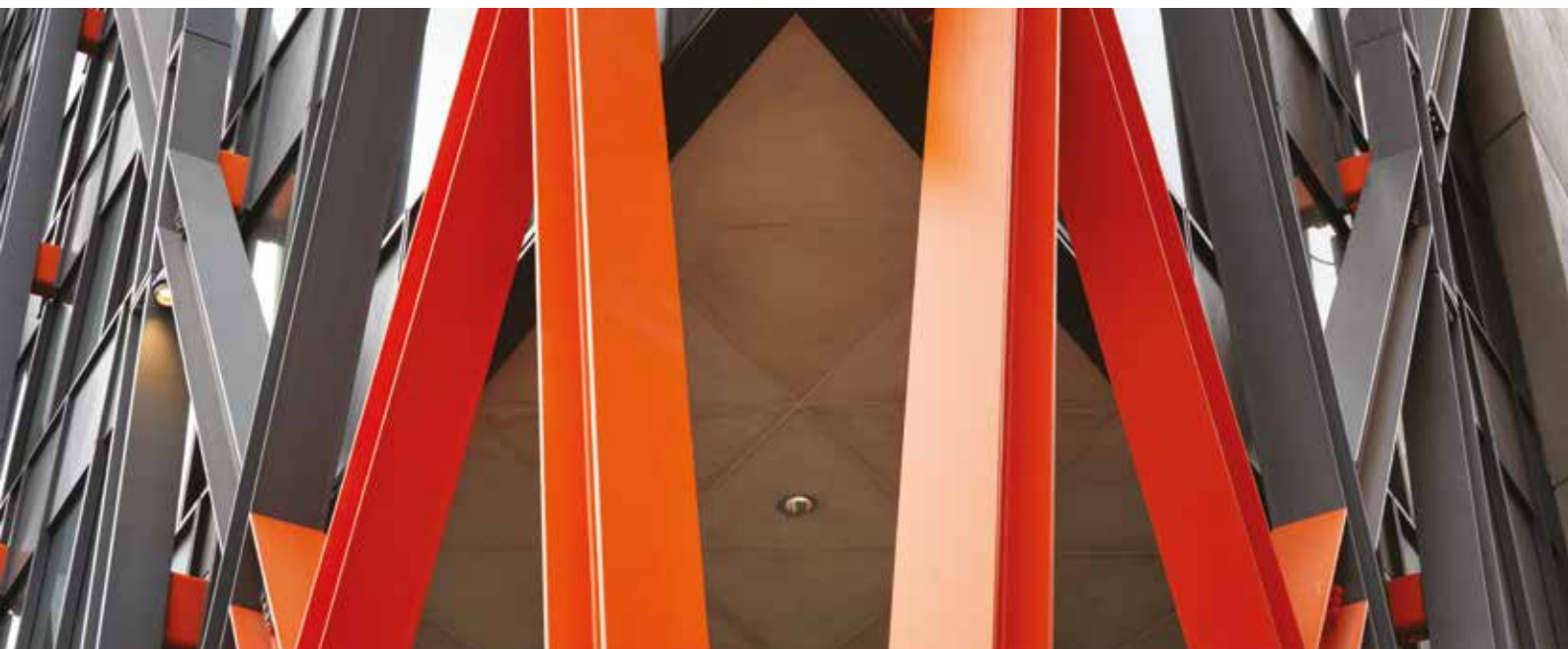
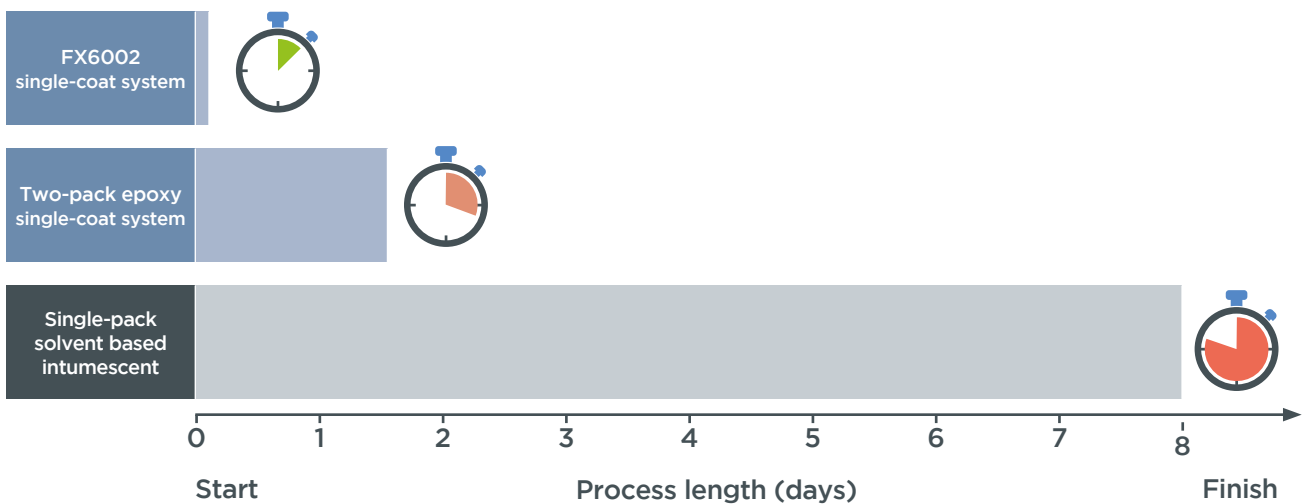
Increased production throughput

- Quick drying speeds up project timelines.
- May be specified without primer or topcoat, environment dependent.
- Efficiency gains as more items protected in a shorter time.
- Realise genuine cost savings.

DRYING TIME TO HANDLE

Drying time to handle 120 minute protected Hp/A 60m-1 CHS at 15°C.

Drying time includes the number of coats and minimum overcoating period plus the dry to handle time for the respective products.



UP TO TWO HOURS PROTECTION

Designed for cellulosic fire protection

- Competitive solutions from 15 to 120 minutes passive fire protection.
- Highly durable, suitable for use in a C5* environment.

Fully tested for your reassurance

- C1 to C5 environments inclusive*.
- Tested to BS476 Part 20/21.
- Assessed to ASFP Yellow Book 5th Edition.
- Third party certified under Certifire CF5644.
- Tested according to EN16623, including EN13381 parts 8 & 9.
- Certified under ETA 20-1261.

DURABILITY WITH SUPERIOR FINISH

Rivalling epoxy intumescent coatings for durability but with vastly superior application and aesthetic characteristics compared to some of the products on the market.

FIRETEX FX6002 provides a smooth aesthetically pleasing finish for use up to C5 environments when an appropriate topcoat is used.



PRODUCT FEATURES



1Hr drying time



Durable



Damage resistant



Weather resistant



Adhesion tested



Aesthetically pleasing

PROTECTION FEATURES



Corrosive environments
C1-C5



Durability
>20yrs



Fire rating (mins)
15-120

* ISO12944-2 Environmental categories.





TECHNICAL INFORMATION

Recommended use

Internal dry and internal uncontrolled environments without topcoat; C1-C2*. Urban atmosphere exposure without topcoat; C3*. C4/C5 environments with Acrolon 7300.

Fire protection

15 to 120 minutes.

Reaction to fire

EN 13501-1:2009+A1: 2009. Result = D-s1-d0.

Certification

Certifire approved CF5644, ETA 20-1261, LEEDv4.1 Attestation.

Durability

20 years durability with appropriate topcoat. Can resist normal weather conditions for up to six months without a topcoat during the construction phase.

Volume solids

92% (ISO 3233:1988).

VOC

24g/litre.

Primers

FIRETEX C69, Macropoxy 400 Series. Consult Sherwin-Williams for alternative primers.

Approved topcoats

FIRETEX M71V2, Acrolon C137V2, Acrolon C237, Acrolon 7300, Envirolastic 2500.

Application

Plural component airless spray. The material will be supplied to registered contractors, who have been trained in the handling of FIRETEX FX6000 Series coatings.

WFT (um)

2000 max per coat.

DFT (um)

1840 max per coat.

Time to touch dry

1hr @ 15°C, 45mins @ 23°C.

Time to recoat

1.5hrs @ 15°C, 1hr @ 23°C.

Time to handle

2hrs @ 15°C, 1hr @ 23°C.

Packaging

36 ltr and 1 ltr packs.

Pot life

30mins @ 15°C, 15mins @ 23°C.

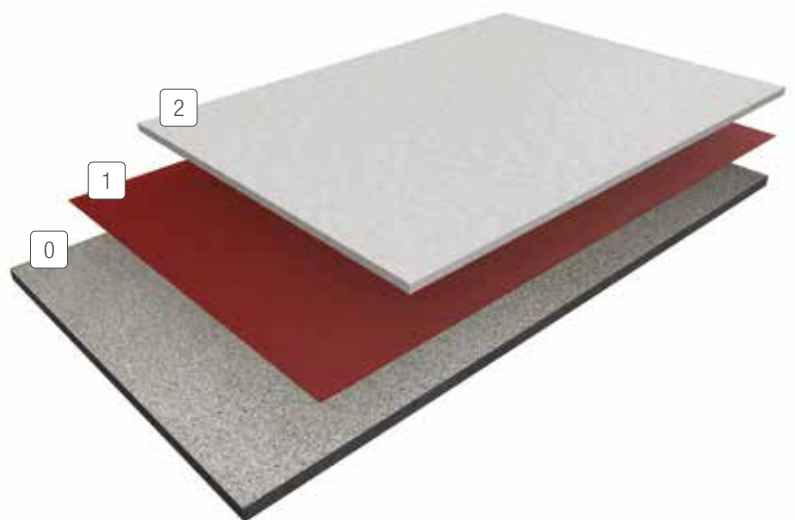


FIRETEX FX6002

SYSTEM PORTFOLIO

Standard system specification for
C1 to C3 corrosive environments
Direct-to-metal without topcoat

- 2 Intumescent:
FIRETEX FX6002
- 1 Primer**:
FIRETEX C69 (optional)
- 0 Carbon steel:
Blast clean to Sa2½
BS EN ISO 8501-1:2007



*Available topcoats: Acrolon 7300, Acrolon C137V2, Acrolon C237, Envirolastic 2500.

**Available primers: FIRETEX C69, Macropoxy 400 Series.
Consult Sherwin-Williams for alternative primers and topcoats.

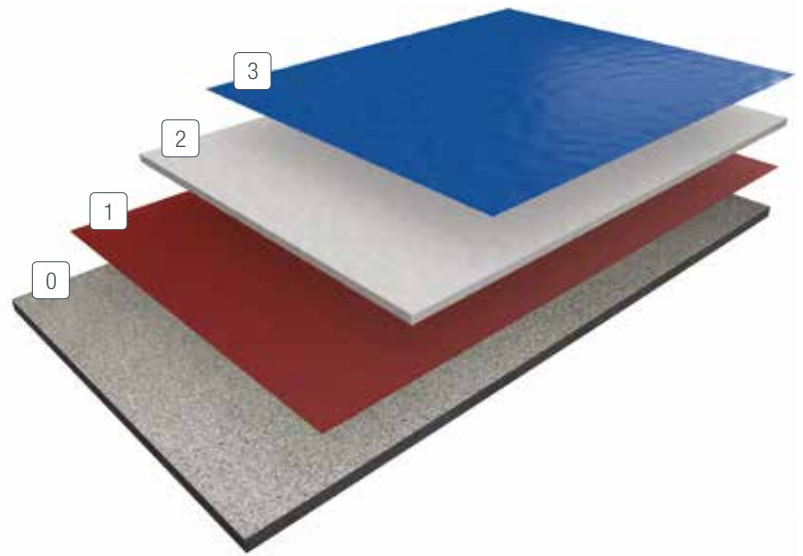
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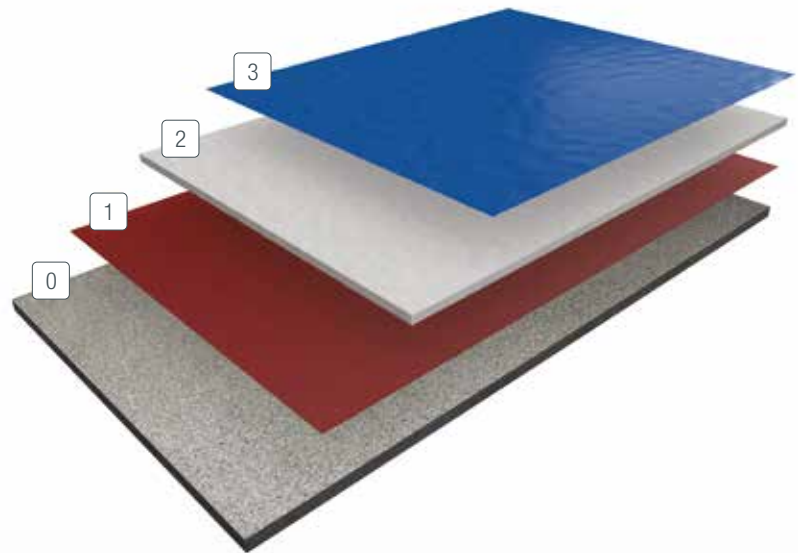
Optional aesthetic topcoat

- 3 Topcoat*:
FIRETEX M71V2
- 2 Intumescent:
FIRETEX FX6002
- 1 Primer**:
FIRETEX C69
- 0 Carbon steel:
Blast clean to Sa2½
BS EN ISO 8501-1:2007



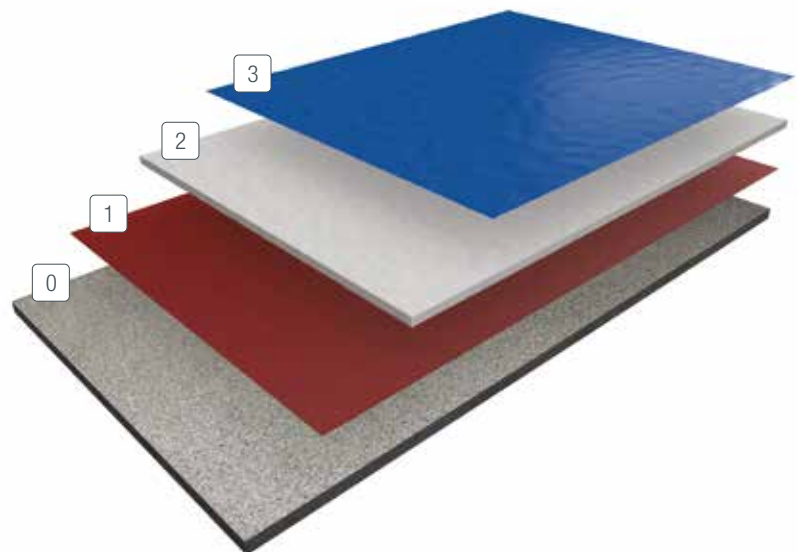
Standard system specification for
up to C5 corrosive environments

- 3 Topcoat*:
Acrolon 7300
- 2 Intumescent:
FIRETEX FX6002
- 1 Primer**:
FIRETEX C69
- 0 Carbon steel:
Blast clean to Sa2½
BS EN ISO 8501-1:2007



Standard system specification for
up to C5 corrosive environments
Ultra-fast dry-to-handle topcoat solution

- 3 Topcoat*:
Envirolastic 2500
- 2 Intumescent:
FIRETEX FX6002
- 1 Primer**:
FIRETEX C69
- 0 Carbon steel:
Blast clean to Sa2½
BS EN ISO 8501-1:2007



*Available topcoats: FIRETEX M71V2, Acrolon C137V2, Acrolon C237, Acrolon 7300, Envirolastic 2500.

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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

protectiveemea.sherwin-williams.com
12/21 EMEAIO029/V06/PC

United Kingdom:

+44 (0)1204 556420
enquiries.uk@sherwin.com

Europe and Africa:

+44 (0)1204 556454
emea.pm.exportsales@sherwin.com

Middle East:

+971 4 8840200
sales.me@sherwin.com

India:

+91 9871900878
pmsales.india@sherwin.com