



Protective & Marine Coatings

FIRETEX[®] FX6002

**Ultra fast drying intumescent
passive fire protection**

FIRETEX[®]

INTUMESCENT PASSIVE FIRE PROTECTION

Innovation is a key guiding value of our business

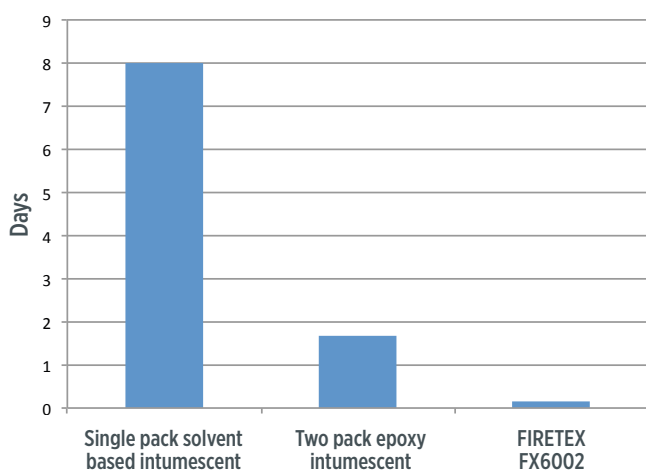


We innovate to ensure that our customers are the first to benefit from pioneering advancements in products, coatings and their application. The latest FX6000 Series release is the perfect example.

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.

Graph to show:

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.

Technical information



- Recommended use:** Internal dry and internal uncontrolled environments without top coat; C1-C2*. Urban atmosphere exposure without top coat; C3*. C4/C5 environments with Acrolon™ 7300.
- Fire protection:** 15 to 120 minutes.
- Reaction to fire:** EN 13501-1:2007+A1: 2009. Result = D-s1-d0.
- Certification:** Certifire approved CF5644. ETA 18-701
- Durability:** 20 years durability with appropriate top coat. Can resist normal weather conditions for up to six months without a top coat 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 top coats:** FIRETEX® M71V2, Acrolon™ C137V2, Acrolon™ C237, Acrolon™ 7300.
- 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 (µm):** 2000 max.
- DFT (µm):** 1840 max.
- 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

Ultra fast drying intumescent passive fire protection

Dry in one hour,
save time
and money



Faster drying

- Dry to handle in just one hour. Imagine, a 120 minute hollow section painted, dried, DFT checked and top coated 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 top coat, environment dependent.
- Efficiency gains as more items protected in a shorter time.
- Realise genuine cost savings.

Up to two
hours protection



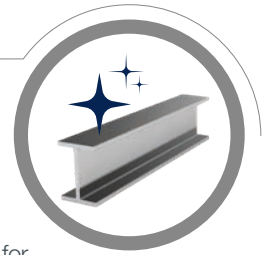
Designed for cellulosic fire protection

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

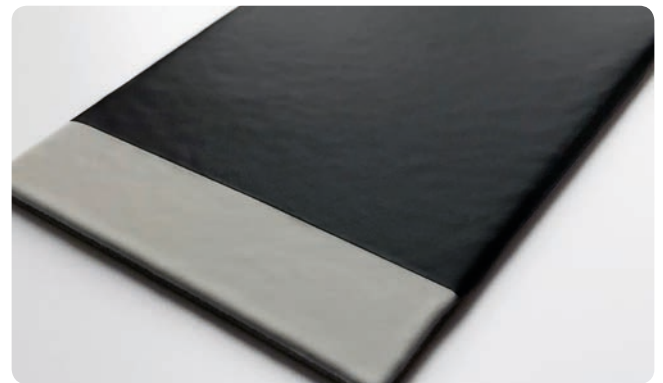
Fully tested for your reassurance

- 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 18-0701.

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 top coat is used.

Product features



Protection features



* ISO12944-2 Environmental categories.

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.

The world class FIRETEX® range provides a smooth, hard finish that allows flexibility and creative exposure of structural steel surfaces in building design, whilst also providing essential protection of steelwork from 15-120 minutes.

Whether you specify FIRETEX® alone or in conjunction with our exceptional primers and top coats, 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 our FIRETEX® intumescent materials.



INTUMESCENT PASSIVE
FIRE PROTECTION



To learn more, contact us

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