



# FIRETEX® FX6002 REPAIR KIT

## ULTRA FAST DRYING INTUMESCENT

Revised 12/2024 Issue 5

### PRODUCT DESCRIPTION

Ultra fast-drying and durable intumescent coating.

### RECOMMENDED USE

For repair of small areas of mechanical damage to FIRETEX FX6002 intumescent coating.

### PRODUCT TECHNICAL DATA

<b>Volume Solids:</b>	92% ± 3% (ISO 3233)
<b>VOC:</b>	24 g/l calculated from solids by volume determination.
<b>Colours:</b>	Light grey
<b>Flash Point:</b>	10°C
<b>Cleaner/Thinner:</b>	No. 9 or E+B (Cleaning only) <b>FX6002 Repair Kit Must not be thinned.</b>
<b>Pack Size:</b>	A multi component material supplied in separate containers to be mixed prior to use: 2 litre (2.9kg) units when mixed Weight will vary with colours and density.
<b>Density:</b>	1.460 kg/l (may vary with colours).
<b>Mixing Ratio:</b>	0.029 kg (0.024 litre) of catalyst to be added to 1.976 litre (2,885 kg) of FX6002 RK. 1% Catalyst (by weight) to be added and mixed in by hand prior to use. (Correct amount will be supplied by manufacturer)
<b>Shelf Life:</b>	9 months from date of manufacture, stored in originally sealed containers in a cool and dry environment. "Use By" date where specified. Both transportation and long term storage of the product must be in a covered environment, out of direct sunlight and in the temperature range 5° to 30°C.

### Recommended Application Methods:

Knife, Trowel or Brush

### Typical Thickness:

#### Recommended Spreading Rate Per Coat

	Typical
Dry	400 µm
Wet	435 µm
Theoretical Consumption*	0.635 kg/m <sup>2</sup> 0.435 l/m <sup>2</sup>
Theoretical Coverage*	1.58 m <sup>2</sup> /kg 2.30 m <sup>2</sup> /l

\*A minimum dry film thickness of 400 microns MUST be achieved. At film thicknesses below this figure retarded curing will be evident..

### Pot Life:

20°C
25 minutes

### AVERAGE DRYING TIMES

	+ 10°C	+ 15°C	+ 23°C
Dry to touch	2 hours	1 hours	45 minutes
Dry to handle	3 hours	2 hours	1 hour
To Recoat	2½ hours	1½ hours	1 hours

These figures are given as a guide only.  
Factors such as air movement and humidity must also be considered.

### SURFACE PREPARATION

Scrape back all loose or damaged FIRETEX intumescent coatings to a firm edge. Where necessary spot prime with an approved primer, refer to Sherwin-Williams for further details

Apply FIRETEX FX6002 REPAIR KIT to level any surface defects, on larger areas two or more applications may be necessary..

Ensure surfaces to be coated are clean, dry and free from all surface contamination.

### APPLICATION CONDITIONS

FIRETEX FX6002 REPAIR KIT should preferably be applied at temperatures in excess of 5°C.

In conditions of high relative humidity, ie 80-85% good ventilation conditions are essential. Substrate temperature shall be at least 3°C above the dew point and always above 0°C.

Application at ambient air temperatures below 5°C is not recommended.

### RECOMMENDED SYSTEMS

#### Primer

Several primers have been fire tested and approved for use under FIRETEX FX6002 REPAIR KIT.

Please consult Sherwin-Williams for detailed information.

#### Topcoats

Several topcoats have been fire tested and approved for use over FIRETEX FX6002 REPAIR KIT.

Please consult Sherwin-Williams for detailed information

### ADDITIONAL NOTES

Numerical values quoted for physical data may vary slightly from batch to batch.



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### HEALTH & SAFETY

Consult Product Health and Safety Data Sheet for information on safe storage, handling and application of this product.

### WARRANTY

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**Protective & Marine Coatings**  
PRODUCT DATA SHEET

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