

FEATURES

Advantages:

- Aesthetic Satin Finish for Firetex Fire-Proofing system
- Good range of durable pastel colours
- Easy shop or site application
- Decorative and functional finish for Firetex M77 in most environments

Limitations:

- White's & Pastel colours may tend to yellow on exposure to sunlight.

RECOMMENDED USES

Firetex M71 is the standard sealer coat for Firetex M77, FX1000, FX2000, FX7000 and FX800 solvent based thin film intumescent coatings. Refer also to Firetex M71-E.

For harsh environments or extended exterior exposure refer to Field Technical Manager, Altex Coatings.

SPECIFICATION DATA

Coating Type:	Synthetic Polymer Flame Retardant Sealer
Colour:	AS2700, 844 and BS5252 colours
Packaging:	4 litre and 10 litre
Mix Ratio:	n/a
Gloss:	Satin sheen
Flash Point:	27 °C Setaflash
Thinner:	X-100 Thinner
Pot Life:	n/a
Induction Time:	n/a
Storage:	Store under cool dry conditions

Density:	1.4 kg per litre			
VOC:				
Temperature Resistance:				
Volume solids:	45 %			
Theoretical Coverage Rate:	6.0 sq. metres per litre at 75 microns dry			
Recommended Film Thickness Per Coat:	111-167 microns wet to obtain 50-75 microns dry			
Application:	Spray, Brush or Roller			
Dry Times (50µm DFT / 50% RH):				
Recoat – minimum:	5°C	15°C	25°C	30°C
Self	12 hrs	6 hrs	4 hrs	3 hrs
Recoat – maximum:	5°C	15°C	25°C	30°C
Self	n/a	n/a	n/a	n/a

SURFACE PREPARATION

All surfaces to be coated should be clean, dry and free from contamination. Oil or grease should be removed in accordance with AS1627.1 solvent cleaning. Surface defects revealed by the preparation process, should be ground, filled, or treated in the appropriate manner. Clean to remove all grit dust and debris and ensure the surface is dry.

Steel Surfaces:

Firetex M71 should only be applied over correctly cured Firetex solvent based thin film intumescent coating. Typically Firetex intumescent base coats should cure for 24 hours before top coating, but if the DFT of the intumescent coating is in excess of 1mm (1000 microns), then it is advisable to delay the application of the Firetex M71 for 48 hours.

Previously Painted Surfaces:

Clean with Altex P40 Cleaner. Remove loose and peeling paint. Prepare all corroded and damaged paint areas in accordance with the preparation required for the applicable primer. Feather back edges to a sound clean existing coating. Abrade all existing coating to provide a fine matt finish. Clean to remove all grit dust and debris and ensure the surface is dry.

DIRECTIONS FOR USE

Mixing:

The entire contents of the container must be thoroughly mixed with mechanical agitation to a homogeneous condition prior to application.

Thinning:

Thinning maybe required to assist application. Any solvent addition should be made after the component is thoroughly mixed. Excessive thinning can cause low film thickness and coating defects.

Clean-up:

Use X-100 thinner

Application:

The preferred method of application Firetex M71 is spray. Small areas may be brushed, however care must be taken to ensure that the correct film thickness is obtained.

Suggested spray equipment is:

Air Spray	Binks - Type 2001 gun; 66SS Fluid Nozzle; 63PB Air Nozzle De Vilbiss - JGA gun, E Fluid Nozzle, 704 Air Nozzle
Airless Spray	Binks - B10-42 pump; Airless 1 gun. Graco - 45:1/63:1 pump; Silver gun, 0.018" RAC IV tip.

Note: Other equipment equivalent to the above may be used.

Additional coats maybe required to achieve the desired opacity and depth of colour, depending on the colour selected.

PRECAUTIONS

For industrial use only.
See the Altex Coatings Limited General Safety Data Sheet, product label and Material Safety Data Sheet (MSDS) for health and safety information prior to use.

Firetex M71 is flammable. Keep away from heat, sparks and open flame. Use with adequate ventilation. May cause eye and skin irritation. Do not breathe vapour or spray. Wear suitable protective clothing such as gloves and eye and face protection.

ALTEX COATINGS LIMITED

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