

## FEATURES

### Advantages:

- Durable high gloss finish
- Sheds water and resistant to condensation
- Affords decorative protection for Firetex M77 in mild exterior and moderate covered and interior exposures
- Excellent weathering properties
- Excellent flow and leveling
- Good resistance to splash, spill and fumes of many chemicals
- Easy application by brush, roller or spray

## RECOMMENDED USES

**Firetex M71-E is a premium quality alkyd gloss enamel which is designed as a topcoat and sealer for Firetex M77, FX1000, FX2000, FX7000 & FX8000 solvent-based Intumescent Base Coats. It protects and give good appearance to:**

- Fire rated steel structures

**Firetex M71-E is a suitable upgrade or maintenance topcoat for the Firetex solvent-based intumescent systems.**

**Firetex M71-E can be applied direct to Firetex intumescent base coat in one or more coats to withstand a range of exterior or mild chemical exposures.**

## SPECIFICATION DATA

<b>Coating Type:</b>	Modified Alkyd
<b>Colour:</b>	AS2700, 844 and BS5252 colours
<b>Packaging:</b>	1 litre and 4 litre
<b>Mix Ratio:</b>	n/a
<b>Gloss:</b>	High gloss
<b>Flash Point:</b>	38 °C Setaflash
<b>Thinner:</b>	Mineral Turpentine
<b>Pot Life:</b>	n/a
<b>Induction Time:</b>	n/a
<b>Shelf Life:</b>	12 months

<b>Density:</b>	1.21 kg per litre			
<b>VOC:</b>				
<b>Temperature Resistance:</b>	50 °C dry			
<b>Volume solids:</b>	50 %			
<b>Theoretical Coverage Rate:</b>	10.0 sq. metres per litre at 50 microns dry			
<b>Recommended Film Thickness Per Coat:</b>	100 microns wet to obtain 50 microns dry			
<b>Application:</b>	Spray, Brush or Roller			
<b>Dry Times (50 µm DFT / 50% RH):</b>				
<b>Recoat – minimum:</b>	<b>5°C</b>	<b>15°C</b>	<b>25°C</b>	<b>30°C</b>
<b>Self</b>		36 hrs	24 hrs	24 hrs
<b>Recoat – maximum:</b>	<b>5°C</b>	<b>15°C</b>	<b>25°C</b>	<b>30°C</b>
<b>Self</b>		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-E should only be applied over correctly cured Firetex M77 thin film intumescent coating.

Typically Firetex M77 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-E 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 Mineral Turpentine

### 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-E** 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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