

## Steel Fire Paint Primer MIO Solvent

- Intended Use** A high build which combined exceptional corrosion resistance, maximum grip to steel and previous primers and a permanently ideal surface for intumescent paint adhesion.
- Ideal for use under Thermocoat WI, WO and Thermocoat S intumescent, for corrosion resistance in normal buildings or as part of a high corrosion resistant system when overcoated with Thermoguard Flame Retardant Paints.
- Designed for structural steel frames requiring full or partial fire protection with Thermocoat intumescent paints
- Quick drying high build, corrosion-resistant primer for structural steel
  - A primer finish for normal exposure conditions in 2 coats
  - A primer for severe exposure in 2 coats when overcoated with 2 coats Thermoguard Flame Retardant gloss or eggshell
  - Ideal initial coating below Thermocoat intumescent paint for internal, external under construction or indefinitely partially exposed structural steel
  - Attractive metallic finish available in mid grey and dark gun metal grey
- Composition** Zinc phosphate and Micaceous Iron Oxide for exceptional corrosion resistance and adhesion Long-oil alkyd resin ideal to overcoat with Thermocoat intumescent after erection
- Solids** By volume 43 %, by weight 62%.
- Surface Preparation**
- Applied promptly to blast cleaned steel or steel hand-tool cleaned and abraded to ST2
  - Or applied to sound and firmly adhered primers, eggshell or gloss paints.
- Typical Thickness and Coverage**
- In fabrication or after blast cleaning on site**
- In 2 coats total 175 microns wet, 75 mic. dry. Range 50 > 100 microns dry, 115 > 225 wet  
Theoretical Coverage - 5.7 sq m / litre at 75 microns dry
- On site to rust-free bare steel, previously primed or painted steel**
- 1 brush coat 125 microns wet, 50 microns dry. Min 40 microns dry on bare internal steel

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**Application** Apply promptly to blast cleaned or hand-tool cleaned steel before flash-rusting, or over well adhered primers and well adhered and abraded primer-finishes, gloss or eggshell paints

Airless spray - ready for use, with 21 thou tip

Conventional low pressure – thin up to 10% with thinners

Brush or roller application on repairs and general structural steel as supplied

### Minimum Drying Times and Overcoat Times

10°C steel temp. 1> 2hrs touch dry. Overcoat 12 hrs

20°C steel temp 1 hr touch dry. Overcoat 6 hrs

### Application Conditions

Min. 5°C, metal min 3°C above dew point, max 85% RH

Avoid getting wet for 24+ hrs

### Overcoating

Ideal for overcoating with itself, Thermocoat WI, WO or Thermocoat S intumescent paint or decorative gloss & eggshell

**VOC** 2010 compliant as part of a specialist or performance coating system for structural steel

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