

Steel Fire Paint Primer Solvent

Steel Fire Paint Primer Solvent Based

- Intended Use** A high build which combined exceptional corrosion resistance , maximum grip to steel and previous primers and a permanently ideal surface intumescent paint adhesion .
- Ideal for use under Thermocoat WI, WO & Thermocoat S intumescent, for a 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
- 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 (HB) 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 & dark gun metal grey
- Composition** Zinc phosphate & Micaceous Iron Oxide for exceptional corrosion resistance & 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 & abraded to ST2
- Or applied to sound & firmly adhered primers , eggshell or gloss paints .

Typical Thickness & 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 mic dry . Min 40 mic dry on bare internal steel Application

Apply promptly to blast cleaned or hand-tool cleaned steel before flash-rusting, OR over well adhered primers & well adhered & 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



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

Minimum Drying Times & 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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