



## **Product Data Sheet**

# **Firesteel 47-4 Water Based Intumescent Paint**

### **Product Type**

A water-based acrylic thin-film intumescent coating.

### **Recommended Use**

A coating to provide 30 minutes and 60 minutes fire protection to structural steel and cast iron.

### **Approvals**

BS 476 Pt 21 at Warrington Fire Research and LPC (Loss Prevention Council).

### **Recommended Application Methods**

Airless spray, roller or brush.

### **Colour**

Off-white

### **Flash Point**

Not applicable as water based

### **% Solids / Specific Gravity**

72% / 1.38

### **VOC**

None\_

### **Coating Thickness**

Refer to Firesteel 47-4 loading tables.

### **Practical Loading Rates**

Spray: 1700 microns wet film

Brush: 500 microns wet film

## **Average Drying Times**

In still air conditions the following times can be achieved with an RH of 70%.

### **500 microns wet film**

10°C- touch dry 6hrs - re-coatable/top sealable 16hrs

20°C- touch dry 4hrs - re-coatable/top sealable 8hrs

25°C-touch dry 3hrs - re-coatable/top sealable 4hr

### **1000 microns wet film**

10°C-touch dry 12hrs - recoatable/top sealable 24hrs

20°C-touch dry 4-6hrs - re-coatable/top sealable 12hrs

25°C-touch dry 4hrs - re-coatable/top sealable 8hrs

## **Recommended Thinner**

Water

## **Recommended Primers**

A wide range of single and two-pack primers has been tested satisfactorily.

Please contact **Firetherm Technical Department**  
**+ 44 (0)1322 551010** for further information.

## **Topsealers / Topcoats**

**Firesteel 47-4** does not require a topcoat in internal conditions, whether exposed to view or not. However **Firetherm** understand that in some cases a particular colour is specified. A range of water based and solvent-based top seals are available in the full BS 4800 and RAL colour range.

## **Packaging**

**Firesteel 47-4** is a single pack product.

Packed in 5 and 20 litre tubs.

Shelf life 12mths. Store between 5°C and 30°C.

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