

## SC FW 16 - FireWall 16 Intumescent Paint

### Application :

- Intumescent paint for the fire protection of composite, wood and metallic structures
- for interior and sheltered use
- Protection of public and industrial buildings, theatrical scenes, amusement parcs...

### Properties :

- One component emulsion paint
- Halogene free, yielding no acid vapors during fires
- Bonds to many surfaces
- 30 to 90 minutes fire resistance on metallic structures

Stops heat propagation and fire progression by creating an insulating microporous foam and by releasing extinguishing gases.

### Surfaces :

- Steel structures which have been anti-corrosion treated (phosphate alkyd)
- Composite structures

### Application tools:

Brushes, rollers and Airless guns

### Technical description :

Aspect :	Satin Mat
Color :	White
AFNOR class :	T 36.005 / family I, class 7a2
European class COV 2004/42 :	Category A/i
UE limit value:	140 g/l (2010)
Maximum content:	20 g/l of COV.
Density at 20 °C	1,38 +/- 0,05
Viscosity at 20 °C:	Thixotropic
Binders	Vinyl Copolymers
Solvent	Water
Shelf life :	6 months in sealed original packaging
Storage :	Stored away from cold and heat.

**Application :**

Ambiant air:	15 to 40°C and maximumt 70% RH. Dry working conditions are highly recommended.
Consumption per layer :	400 to 1000 g/m <sup>2</sup> wet 300 to 750 μ dry ( humide thickness x 0.75)
Recommended number of layers :	2 minimum
Maximum quantity on steel :	5 kg /m <sup>2</sup> dry
Dust free :	approximately 2 h
Recoatable :	24 h between layers

**Do not apply :**

- on surfaces which will be exposed to abrasion
- in areas where temperature will drop below 10°C and in high humidity conditions

**Dilution :**

Brush and roller:	Ready for use
Airless :	5 % water if necessary
Tool cleaning:	Water, immediately after use

**Airless Gun :**

Airless under 150 to 200 bars, 0.029 or 0.031” nozzle, without filter nor sieve

**Application advice :**

1. <i>General preparation :</i>	sanded, dust and grease free surfaces
Steel preparation:	SA 2.5 sanding then anticorrosion Alkyde Phosphate type paint
2. <i>Products :</i>	Mix thoroughly before use