

## Intumescent (Water Based)

### General Description

A single component, borate and chlorine free, water borne intumescent coating designed for on-site application to structural steel requiring protection from cellulosic fire. Intended to provide up to two hours cellulosic fire protection on beams, columns and hollow sections exposed in interior environments.

### Properties

- High adhesion to steel surfaces
- Good fire resistance
- Low solvent
- High durability
- Good appearance

### Technical Data

Density	1.4 gr/cm <sup>3</sup>
VOC	33 gr/lit
Solid by Volume	69±2 %
Dry Film Thickness	2000-3000 µm
Theoretical Coverage	1 m <sup>2</sup> /lit at 700 microns D.F.T and stated volume solids
Touch Dry	2 Hrs
Hard Dry	4 Hrs
Recoat Interval	6 Hrs

### Conditions of Application

All surfaces to be coated should be clean, dry and free from contamination. Prior to paint application, all steel surfaces should be assessed and treated in accordance with ISO 8504:2000.

Oil or grease should be removed in accordance with SSPC-SP1 Solvent Cleaning.

### Application

This material is a one component coating and should always be mixed thoroughly with a power agitator before application. It is recommended to apply with airless spray but for small areas brush or roller is suitable too.