

# PRODUCT DATA SHEET HPC 103

CI/SFB Vv4

January 2010

## NU-FLAME® W STEEL BASECOAT

<b>DESCRIPTION:</b>	Nu-Flame W Steel Basecoat is a thin film water based decorative intumescent paint system providing fire resistance to structural steel and cast iron.
<b>ADVANTAGES:</b>	½ hour and 1 hour fire resistance can be achieved with a single application of Nu-Flame W Steel Basecoat. 1½ hour fire resistance can be achieved with just two coats of Nu-Flame W Steel Basecoat.
<b>USES:</b>	Water based, safe for internal application.
<b>COLOUR RANGE:</b>	White
<b>PACK SIZE:</b>	Single component product, supplied in 5 and 20 KG cans.
<b>VOLUME SOLIDS:</b>	65 – 75 %
<b>COVERAGE RATE:</b>	This is dependant upon the type of steel being coated and fire rating required. Please consult our Technical Department for further information.
<b>DRYING TIME:</b>	Brush/Roller application: Surface Dry: 2 Hours Recoat: 4 Hours Spray application: Surface Dry: 4 Hours Recoat: 10 Hours Allow to dry for a minimum of 48 hours before overcoating with Nu-Flame Steel Top Coat
<b>PREPARATION:</b>	Steel and cast iron should be free from rust and millscale and primed with Nu-Flame High-Build Metal Primer @ 75 microns DFT or other metal primers compatible with intumescent paints. Galvanised steel should be degreased and primed with a suitable etch primer. (for permanent external exposure, overcoating systems are required).
<b>APPLICATION:</b>	Apply by brush, roller or airless spray.
<b>EQUIPMENT CARE:</b>	Max. Relative Humidity 80% Min. Temp 6°C Min Steel Temp 3°C above Dew Point Max thickness per coat: Brush 600 microns WFT Max thickness per coat: Spray 1800 microns WFT All equipment should be cleaned with water immediately after use
<b>STORAGE:</b>	Store away from direct sunlight and sources of heat. Protect from frost.
<b>SHELF LIFE:</b>	12 months (in original sealed container).
<b>HEALTH &amp; SAFETY:</b>	Refer to health and safety sheets.



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