

PRODUCT DATA SHEET HPC 112

CI/SFB Vv4

January 2010

NU-FLAME® FIREGUARD

DESCRIPTION:	Nu-Flame Fireguard is a thin film solvent based decorative intumescent paint system providing fire resistance to structural steel and cast iron. Tested to BS476:Pt 8:1972 and BS476:Pt 20:1987
ADVANTAGES:	½ hour and 1 hour fire resistance can be achieved with a single application of Nu-Flame Fireguard. 1½ fire resistance can be achieved with just two coats of Nu-Flame Fireguard. Fast drying qualities and suitable for off site application by the steel fabricator prior to erection on site.
USES:	Developed to combat all weather conditions. Suitable for external application in freezing and humid conditions. The dry coating will resist normal impact damage and will resist water. Therefore may be left exposed to the elements without any adverse effect.
COLOUR RANGE:	White
PACK SIZE:	Single component product, supplied in 25 KG cans.
VOLUME SOLIDS:	65 - 75%
COVERAGE RATE:	This is dependant upon the type of steel being coated and fire rating required. Please consult our Technical Department for further information.
DRYING TIME:	24 hours, leave for 72 hour before overcoating.
PREPARATION:	Steel and cast iron should be free from rust and millscale. Prime 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 Nu-Steel SP Etch Primer.
APPLICATION:	Apply by brush, roller or airless spray. Max thickness per coat by brush 600 microns WFT Max thickness per coat: by spray 1800 microns WFT
EQUIPMENT CARE:	Clean equipment with Nu-Flame Gun Cleaner immediately after use. Conventional thinners and brush cleaners are not effective.
STORAGE:	Store away from direct sunlight and sources of heat. Protect from frost.
SHELF LIFE:	12 months (in original sealed container).
HEALTH & SAFETY:	Refer to health and safety sheets.



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Certificate No. 20494