HYDRON
Protective Coatings Ltd

www.hydronpc.com
enquiries@hydronpc.co.uk

ISSUE: 04/01/2024

TECHNICAL DATA SHEET – HPC 104 NU-FLAME STEEL TOPCOAT

DESCRIPTION:

Nu-Flame Steel Top Coat is a hard, single coat, high build flame retardant, anti-corrosion coating for internal and external steel and cast iron.

ADVANTAGES:

Greatly reduces application cost whilst substantially increasing the time between maintenance cycles. Resistant to physical damage, corrosion most chemicals and weathering. Extended lifespan up to 50 internal years. In severe exposure or environmental locations apply a coat of semi-gloss followed by a coat of gloss top coat.

USES:

For new construction and maintenance painting. Based on a high durability resin, antimony oxide flame retardant agents, high opacity and corrosion resistant pigments

COLOUR RANGE:

Gloss and semi-gloss BS4800 and RAL Shades.

PACK SIZE:

Singl component product, supplied in 5 litre units.

VOLUME SOLIDS:

45 - 50%

COVERAGE RATE:

7 m² per Litre. Recommended Film Thickness 70 microns dry. 150 microns wet.

DRYING TIME:

Touch:	4 Hours
Overcoat:	16 Hours.

PREPARATION:

Ensure surfaces are clean, sound, free from rust and millscale. Rub down existing gloss paints to provide a key. Prime bare areas with Nu-Flame High Build Metal Primer. Nu-Flame Steel Top Coat is compatible with all good quality metal primers.

APPLICATION:

Apply by brush, roller or airless spray. Do not stir or over-spread. To spray use 0.013-0.017" tip. Airless spray is recommended where colour change is involved. Max. Relative Humidity 80% Min.
Temp 6°C Min. Steel Temp 3°C above Dew Point

EQUIPMENT CARE:

Clean equipment with white spirit immediately after use.

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 MSDS

Unit 7 Phoenix Road
Wednesfield
Wolverhampton
WV11 3PX, UK

TEL: +44(0) 1902 450 950