



TECHNICAL DATA SHEET – HPC 96 NU-FLAME INTUMESCENT VARNISH

DESCRIPTION:

Nu-Flame Intumescent Varnish is a clear flame retardant coating for natural wood and wood surfaces giving a varnish type appearance which enhances the natural colour of the wood.

ADVANTAGES:

Being a low odour, water based system it is user friendly.

When exposed to a fire Nu-Flame Intumescent Varnish expands to create a fire protective barrier, insulating the timber surfaces from heat and oxygen. Tested to BS476 Part 7 Class 1 surface spread of flame BS476 Part 6 Fire propagation. Designated Class '0' to current Building Regulations.

USES:

Suitable for use on a variety of metal substrates providing these have been suitable prepared

COLOUR RANGE:

Clear basecoat, for overcoat finishes see Nu-Flame Clear Overcoat Data Sheet.

PACK SIZE:

Two component product, supplied in 20 m² packs

COVERAGE RATE:

Class 0: Apply two coats at 13 m² per litre per coat (75 micron WFT) Nu-Flame FR Clear Overcoat should be applied at a coverage rate of 12 m² per litre.

DRYING TIME:

Overcoat: 12 hours minimum depending on temperature and adequate airflow

PREPARATION:

Ensure surfaces to be treated are clean, free from surface moisture and contamination such as oil, grease and wax. Abrade previously varnished surfaces to provide a key.

APPLICATION:

May be applied by brush/roller or conventional spray Stir the base and add the activator slowly, continue stirring until a homogeneous mix is obtained. Usable pot life 1½ to 2 hours. Maximum timber moisture content 18% Maximum relative humidity during application and drying 75%. Minimum temperature during application and drying 8°C. Minimum surface temperature 3°C above dew point.

EQUIPMENT CARE:

Clean equipment with water 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