

NEO TERM[®]

HIGH PROTECTION FOR STEEL STRUCTURE

HIGH PREMIUM QUALITY OF FIRE RETARDANT COATING



FDA-ESMA
FDA & ESMA
Third-Party Certification

IAS

ACCREDITED
Management Systems
Certification Body
MSCB-165



IAF MLA agency for Certification of Persons,
Product Certification and Management System
Certification. IAFS Members: 100/10000

IAS

ACCREDITED
FDA Food Safety
Certification Body
FSM-100



APPLICATION

It is applied with brush, roller or airless spraying.



Note : The minimum total consumption is 1.2-1.5 kg/m²

SAFETY FIRST

No smoking



*In closes spaces use ventilators and carbon active masks.

PRODUCT SPECIFICATION

Color	White or as requestd
Specific Gravity	1.5 ± 0.1
Hazardous Ingredient	N/A
WHMIS Class	Not Controlled
Volumn Solids	79%
Weight Solids	78%± 1
Flammability	Not flammable
Packing Size	25 Kilograms

*Product information might be changed without notice if you need more information or up to date information please contact us. All specification information has tested at internal lab.

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DEDICATED IN PROVIDING THE ULTIMATE SOLUTION IN FIRE PROTECTION

Fireproofing Systems allow designers to express the steel structure as art form in buildings. High temperature in a fire situation will cause the intumescent paint to swell and produce an insulating barrier that will protect the steel structure from increasing in temperature, restricting fire damage and retain structural integrity

Steel Protection with intumescent coating an intumescent paint will provide up to 2 hours fire protection and prolong the structural integrity of steel when faced with a fire, therefore, the coatings provide extra time for people to escape from the building. They reduce the spread of flame and smoke along the burning surface.

AESTHETICS :

- ▲ Thin film
- ▲ Virtually unlimited colors
- ▲ Painted steel appearance
- ▲ Smoothest fire protection finish

FUNCTIONALITY :

- ▲ Space saving, smaller column footprints for ease of pedestrian movement
- ▲ Lightweight
- ▲ Low maintenance
- ▲ Water and Solvent available

4

MAIN PROPERTIES FOR NEOTERM COATING



Strong Bonding



Chemical Resistance



Water protection



Fire resistance

**They are four main properties for neoterm coating if you need to get more properties information please contact our company for further information.*



**Render photo is used for visual present only*



NEOTERM COATING

Intumescent paint is a solvent base fire retardant paint. High temperature in a fire situation will cause the intumescent paint to swell and produce an insulating barrier. That will protect the steel structure from increasing in temperature restricting fire damage and retain structure integrity. Used for fireproofing. Structural steel supports for equipment racks and tower skirts should require mechanical reinforcement, metal lath, hardware cloth, etc. Not recommended for outdoor use. Intumescent paint provides a durable attractive surface, similar to paint finish. However, in a fire they expand to many times their original film thickness. This provides an insulating foam-like coating or char to protect steelwork against heat build-up and the effects of fire.

PRIMER

This is protects the steel against corrosion and prepare the surface. Moreover, this paint contains anticorrosive intumescent paint primer or red lead oxide, Acrylic base, vinyl base, epoxy primer, etc. A herd decorative finish to seal in the basecoat and provide an attractive, high quality appearance.

PRIMER AND TOP SEAL COMPATIBILITY

It is vital that both Primer and Top Seal are compatible with the basecoat. It is to ensure that the integrity of the system in term of fire performance and longevity.

NEOFLAMES COATING

Neoflames is a non toxic, water base intumescent coating that can be applied to wide range of materials using brush, roller or sprays ,similar in application to ordinary paint. It can also be applied by most mechanical coating processes. The requires coating thickness depends on the substrate, severity of the heat exposure and level of protetion desired.

GENERAL DESCRIPTION OF THE MATERIAL

Neoflames is a one part non flammable water based intumescent coating, similar in appearance to ordinary latex base paint. Upon exposure to flame or heat, it immediately foams and swells (intumesces) providing an effective insulation and heat shield to protect the subsurface.

Neoflames can be applied to many types of surfaces providing an attractive flat finish. For eeterior application requires a top coat, which may be selected from many types of latex base paints, urethanes or arcylics for attractive weather resistant finishes

Manufactures of patented high performance fire retardant products and specialists in research, marketing, design and engineering of fire and heat protection system in recommend

- ▲ Goverment
- ▲ Millitary
- ▲ Construction
- ▲ Transportation
- ▲ Utilities
- ▲ Structural Steel

