Product Data Sheet

Astro ISS Paint

Revision 5 - 20th January 2020
Intumescent Paint for Structural Steel and Cast Iron

Astroflame ISS intumescent Steel Coating.

- Conforms to BS476 Part 21.
- Fire resistance for load bearing elements of structure.
- Rated for 30 and 60 minutes.
- Brush, roller or airless spray application.

For certification and compliance with regulations we will supply a FREE of charge Certificate of Supply with each order or project.

Product Description

A water-based intumescent paint system providing fire resistance to structural steel and cast iron that may be applied by brush, roller or airless spray.

A compatible decorative overcoat system ensures the system will enhance the building’s architectural and design features.

Astroflame ISS intumescent Steel Coating is a low-odour, water-based coating, making it user and environmentally friendly.

The range of topcoats are either water-based or 2010 compliant and safe to use in accordance with manufacturer’s instructions.

- Water based intumescent for structural steel
- For 30 mins protection: 1 thick coat – 2.5kg 4 linear m, 5kg 8 linear m, 20kg 32 linear m – if in any doubt please contact us.
- For 60 minutes or external steel protection: contact us for further advice specific to your project.
Available in

2.5kg, 5kg and 20kg packs

Intended use

Fire resistance to structural steel and cast iron with a minimum of coats.

How it works

The heat of a fire triggers a catalytic reaction, causing the expansion of an insulating char layer up to 50 times the paint thickness. The layer keeps the steel below its critical temperature, thus maintaining the structural integrity of the building.

Colours, Finishes & Sizes

Sizes: (ISS intumescent Steel Coating) 20kg, 5kg, 2.5kg
Colours: (FR Paint) BS4800 or RAL colours
Finishes: Water based SFR Matt and Eggshell. For external applications 2 coats of oil based FR Paint

Specification & application

Apply Astroflame ISS intumescent Steel Coating to achieve...
30, 60 mins Fire Resistance in accordance with Astroflame ISS intumescent Steel Coating Technical Department instructions.

To steel visible or subject to variable or damp atmospheric condition, apply...
1 coat ** of Astroflame FR Paint
** 2 coats for external steel.

Fire testing

Product performance assessment is based upon Approved Fire Test Laboratory Certification to EU & BS standards for Fire Resistance to load bearing elements of structures.
Environmental, Health & Safety

Astroflame ISS intumescent Steel Coating is a low-odour, water-based coating. Topcoats are either water-based or 2010 compliant and safe to use in accordance with manufacturer’s instructions.

Quality assurance

Both products are manufactured under ISO 9001.

How to Order

Please fill in the online Steel Enquiry Form and your order will be processed within 48hrs along with your preferred delivery requirement.

Click here for the Steel Enquiry Form >> Steel Enquiry Form

Technical Advisory

Estimating, Specification & application advice from Technical Dept T: 01329 844 500 or E: sales@astroflame.com

Disclaimer

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