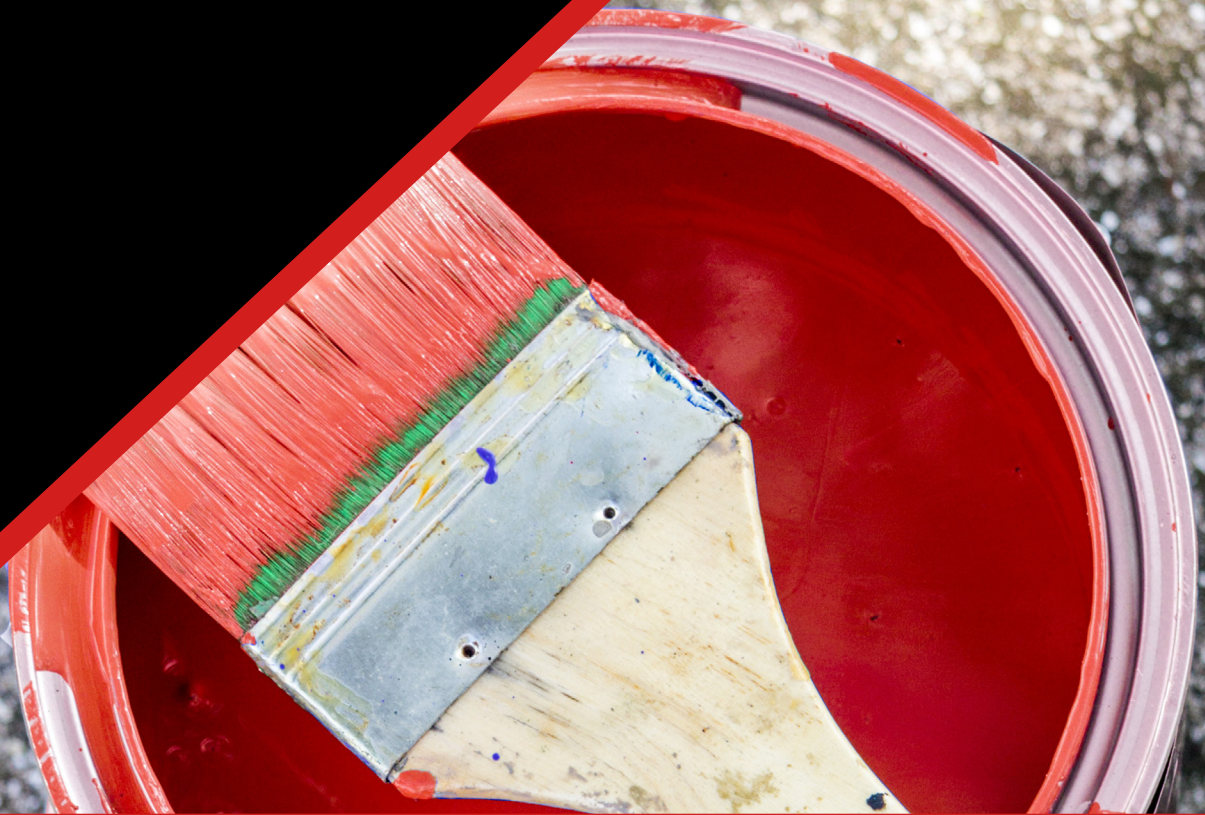


Product Data Sheet

Astro HBP Primer

Revision 4 - 24th March 2021



Astroflame High Build Primer

Astroflame HBP High Build Primer.

- Protects intumescent paint
- Assists in the control of flamespread
- Provides a decorative rust-inhibiting decorative finish
- Primes cleaned steel prior to overcoating
- Suitable for use direct to bare, intumescent painted or sound previously painted structural steel & cast iron



For certification and compliance with regulations the manufacturer will supply a Certificate of Supply on request.

Product Description

A High Build Quick Drying corrosion resistant metal primer for structural steel and cast iron. Compatible with Astroflame ISS Paint systems.

Suitable for application in Steel Fabricator's shops or on site. Will protect exposed structural steel during construction as well as protecting internal steelwork thereafter.

Finish, Colour Ranges & Availability

Astroflame HBP Primer is available in a Metallic and Mid-grey range. 2.5 litre and 5 litre containers.

Fire Rating

- Use in conjunction with Astro ISS Paint systems for 30, 60, 90, 120 mins
- Class 0 on non-combustible or intumescent protected surfaces

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To Specify

- To decorate & protect bare or painted internal steel apply 2 coats Astro HBP Primer
- To bare steel or cast iron apply 2 coats Astro HBP Primer

We are happy to provide specifications and quotations - please use our [Specification Form](#) to ensure we cover all aspects of your fire protection and decorative requirements in our quote. We accept any order size.

Prior to application the contractor should contact the Astroflame Technical Department (see below) to obtain a basecoat application schedule.

For help please speak to the technical team on: Tel: [01329 844 500](tel:01329844500) or Email: sales@astroflame.com

Composition

- Flame retardant agents
- Water-resistant binders
- High opacity, corrosion and flash-rust resistant pigments

Coverage

- 8 sq m per litre per coat

Application

- Brush, roller, conventional and airless spray
- Ensure surfaces are clean, dry and sound
- Minimum application temperature 6°C
- Do not apply when condensation may form

Preparation

- New Steel - blast clean to SA 2.5 and prime immediately
- Other steel or cast iron – degrease, remove all rust & millscale
- Thoroughly abrade old gloss or eggshell
- Galvanised steel – treat with T Wash / Mordant Solution before application
- Not suitable for stainless steel

Minimum Drying Times

- Touch Dry 2 hours
- Hard dry 4 hours
- Re-coat 4 hours

Note – drying times affected by temperature & humidity

Compatible Overcoats

When used as a primer, it can be overcoated with water-based or white spirit based paints

Installation

We have technical representatives who provide assistance in the selection and specification of the products on this site and should be consulted for exact installation and product suitability. Ensure an early engagement with ourselves, designers, main contractor and specialist installers before any installation. Other trades and/or manufacturers may need to be consulted. For in-depth information, specification and technical advice please call our Head Office on tel [01329 844 500](tel:01329844500) or email sales@astroflame.com

Maintenance

All interested parties, designer, specifier, main contractor and specialist installers should provide access to allow the fire stopping seals to be regularly inspected and maintained, as well as records kept of such maintenance at minimum periods of 12 months, as required by the Regulatory Reform Order, and repaired if necessary. Reference should be made to ASFP TGD 17 – Code of Practice for the Installation and Inspection of Fire Stopping.

Competency

It is vital that those entrusted to design or install a fire stopping product have the necessary levels of competence to undertake the task professionally and thoroughly. The level of competency required will be commensurate with the expected complexity of the building. All designers must eliminate, reduce or control foreseeable risks that may arise during installation, construction or maintenance when preparing or modifying designs. Clients should ensure that the principal designer and principal contractor carry out their duties under CDM regulations. The ASFP foundation course in passive fire protection provides essential knowledge as part of demonstrating competency and understanding in this key fire protection specialism.

Additional Notes

This product can only be supplied once the Paint enquiry form has been completed and approved by the manufacturer: Click the following link to go to the Paint Form: [Specification Form](#)

Health & Safety

The product does not present any known health hazards during or after installation. Normal good industrial and personal hygiene practices should be observed. For further information on health and safety please see the Safety Data Sheets (SDS) or please contact the technical team on: T: [01329 844 500](tel:01329844500) or E: sales@astroflame.com

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The above information to the best of our knowledge is true and accurate and based upon current test data and is supplied for your guidance only. Customers should satisfy themselves to the suitability of the product based on the products limitation of applications and that the product is fit for purpose for their intended use and no guarantee is given or implied since the conditions of actual use are beyond our control. ASTROFLAME (FIRE SEALS) LTD, disclaim any liability for loss, damage or other expense arising from the use of information, data or products mentioned or referred to and reserve the right to change any details or specifications without notice. If you are in any doubt as to the suitability of this product for your intended application please contact our technical team on 01329 844500 or email sales@astroflame.com and we will contact you.