Astroflame

A comprehensive range of Intumescent Paint, Coatings & Varnish products

Website: www.astroflame.com
Email orders: sales@astroflame.com
Telephone orders: 01329 844500
Fax orders: 01329 844600

Revision 4 - 24th February 2020
Intumescent Paint, Coatings & Varnish

Fire Proof paints and coatings produce a protective char retarding the spread of flames and the transfer of heat in the event of a fire. Astroflame stock a range of protective intumescent coatings, for steel, timber, plaster and brick and a range of decorative finishes to protect and complete fire protection systems.

These types of decorative finish are also referred to as fire proof paint, fire retardant paint or fire varnish (clear coat).

Astro ISS Intumescent Paint insulates structural steel and cast iron steel during a fire, keeping them below the critical (collapse) temperature. Astro ITC and Astro IFV Intumescent Coatings control flame spread and fire propagation on wood.

Fire retardant and flame retardant paints assist in the control of fire hazards from combustible materials, such as wood, by releasing a flame extinguishing gas when exposed to the high temperature of a fire.

We accept any order size and are happy to provided specifications and quotations - please use our specification forms on the website: www.astroflame.com > intumescent-paint > then click either >> Steel and Cast Iron or >> Timber/Walls & Ceilings/Varnish to ensure we cover all aspects of your fire protection and decorative requirements in our quote. Prior to application the contractor should contact the Astroflame Technical Department to obtain a basecoat application schedule.

About Astroflame

Astroflame design and manufacture high performance market leading Built in Fire Protection Systems and Construction Products to protect life and property around the globe.

The Astroflame Group has undergone an extensive quality and reliability programme to ISO 9001:2015 Approved quality management system.

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T - 01329 844500 : F - 01329 844600
W - www.astroflame.com : E - sales@astroflame.com
Astro ISS Paint

- 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.

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.

For certification and compliance with regulations we will supply a FREE of charge Certificate of Supply with each order or project.
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:
All materials and specifications are provided in accordance with the terms and conditions go to www.astroflame.com/terms.html
Astro ITC Paint

- BS EN Class B s1 dO and complies with Class O.
- BS476 Part 7: Class 1 surface spread of flame.
- BS476 Part 6: Fire propagation Class 0.
- Available in wide range of finishes.
- Brush, roller or spray application.

**Description:**
Astroflame ITC intumescent paint provides durable wear, weather and wash resistant fire protection paint for decorative interior and exterior timber surfaces. Use with Astroflame SFR Dualcoat.

Meets new Fire Regulations standard BS EN Class B s1 dO and complies with Class O.

When exposed to fire:
- Astroflame SFR dualcoat releases a vapour to suppress toxic gasses & prevent flame spread.
- Astroflame ITC intumescent paint expands to create a barrier, insulating wood from heat and oxygen to prevent wood burning & fire penetration.
- One coat Astroflame ITC intumescent paint
- Class 1,0 +B s1 d0 – 1 coat Astroflame ITC intumescent paint (20 & 80 sq m packs) with 1 or 2 coat Astroflame SFR Dualcoat
- 30 & 60 minutes – 3 coats Astroflame ITC intumescent paint (5 kg packs) with 1 coat Astroflame SFR Dualcoat
- White and coloured paint.
- Internal & external
- Saves time and money.

**Available in:**
- 20 & 80 square metre packs and 5kg Packs

**Fire protection and decoration of wood in buildings:**
Durable wear, weather and wash resistant fire protection paint for decorative interior and exterior timber surfaces. Meets new Fire Regulations standard BS EN Class Bs1 dO and complies with Class O.

For 30 & 60 mins contact Technical Dept.

**Intumescent & water vapour action:**
When exposed to fire:
- Astroflame SFR dualcoat releases a vapour to suppress toxic gasses & prevent flame spread.
- Astroflame ITC intumescent paint expands to create a barrier, insulating wood from heat and oxygen to prevent wood burning & fire penetration.

For certification and compliance with regulations we will supply a FREE of charge Certificate of Supply with each order or project.
Finishes and colours:
Astroflame ITC intumescent paint is overcoated with the following decorative finishes:
• Finishes: Matt or Eggshell
• Colours: White, BS 4800, BS 381C, RAL + NCS. To view the colour chart go to http://www.astroflame.com/intumescent-paint/paint-colour-charts.html

Preparation:
Surfaces should be free of contamination, sound, clean and dry. Thoroughly abrade knotting, gloss, hard or smooth paints. Check adhesion of any existing coating.

Unknown coatings or old fire coatings – contact Technical Dept
T: 01329 844 500 or E: sales@astroflame.com

Specification:
Prepare and apply according to manufacturer’s instructions:
• 1 coat Astroflame ITC intumescent paint;
• 1 coat Astroflame SFR dualcoat. (Apply 2nd SFR dualcoat for external or damp areas).
• For 30 & 60 mins coverage contact Technical Advice.

Application conditions:
• Apply to dry wood in dry conditions.
• Max. timber moisture content 18%.
• Max relative humidity 70%.
• Min. temp 5°C and 2°C above dewpoint.
• Protect from rain until 1st coat SFR dualcoat is dry.

Ukas fire test standard:
• BS EN Class B s1 dO
• ClassO
For 30 or 60 mins contact Technical Department.

New fire regulations & tests explained:
The new fire standard BS EN test lasts 20 mins. with airflow replaces the old BS 476 tests which lasted 10 mins and strangely restricted airflow.

The new standard for flamespread and heat release Class B replaces Class O.

The new BS EN tests also monitor –
• Smoke & Gas “s” – s1 + s2 are none or very low & compliant levels, s3 moderate, s4 high smoke.
• Flaming Droplets or Airborne particulates – dO is none, d1 some, d2 + d3 moderate > high levels.
Durable & eco friendly:
Astroflame ITC intumescent paint & Astroflame SFR dualcoat are water based, user and environment friendly.

Quality assurance:
Both products are manufactured under ISO 9001.

How to Order:
Please fill in the online Timber Enquiry Form and your order will be processed within 48hrs along with your preferred delivery requirement.

Click here for the Steel Enquiry Form >> Timber 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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Astro IWC Paint & Astro SFR Wallcoat

- BS476 Part 7: Class 1 surface spread of flame.
- BS476 Part 6: Fire propagation.
- Designated Class 0 in accordance with U.K.
- 1 coat Astroflame IWC intumescent paint for walls and ceilings.
- Use with Astroflame SFR wallcoat.
- For wallpaper & multi-layer painted surfaces.
- Matt and eggshell.
- Class 0 + Bs1 d0 with 1 coat of SFR wallcoat (smoke & flame retardant).
- White + BS & RAL colours.
- Intumescent basecoat for 30/60 minutes protection on plasterboard, cementitious board and concrete.
- Undercoat shades.
- Use with 1 coat of SFR wallcoat to seal.

Description:
Astroflame IWC intumescent paint is an intumescent coating for walls and ceilings. Inherently non-combustible surfaces such as plasterboard and brick can become a potential fire hazard due to repeated redecoration with conventional paints.

Different paint types from a variety of manufacturers have generally been used over many years with less than thorough preparation. In a fire thick layers of old paint tend to de-laminate rapidly catching and spreading fire around a building. In extreme cases a lethal “flash- over” fireball effect is created.

The resultant risk to life and property can be greatly reduced at minimum cost using a combination of Astroflame IWC intumescent paint, an insulating “intumescent” barrier coating and SFR wallcoat. The Astroflame IWC intumescent paint system can help landlords comply the the Fire Safety Order 2005. Ask us for details.

Available in:
- 25 and 100 square metre for Class O and B s1 d0 for walls and ceilings
- 25 and 80 square metre for Class O and B s1 d0 for wallpaper
- 5 kg for 30 + 60 mins

Durable flamespeed and smoke protection:
Astroflame IWC intumescent paint expands to create an insulating barrier. Astroflame SFR wallcoat emits a safe firedamping vapour to control flamespread. Together they upgrade potentially dangerous ‘multi-layer’ previously painted walls & ceilings. High quality, wear, wash moderate-scrub resistant decorative finish.
Intumescent and flame retardant fire protection:
When exposed to a fire Astroflame IWC intumescent paint releases a flame extinguishing gas which instantly protects the surface. Simultaneously heat activates Astroflame IWC intumescent paint underneath causing it to expand and create a fire protective barrier, insulating old paint films from heat and oxygen.

Finish and colour range:
Astroflame IWC intumescent paint is overcoated with the following decorative finishes:
• Finish with SFR wallcoat
• BS4800 and RAL colours
• Matt or Eggshell
• To view the colour chart go to http://www.astroflame.com/intumescent-paint/paint-colour-charts.html

Preparation:
Surfaces should be sound and firmly adhering, clean, dry and free of surface contamination. Remove loose, flaking or suspect paint film and adequately abrade existing smooth or hard coatings. Apply by brush, dense short-pile roller or spray. Maintain wet edge during application.

Application conditions:
Min. 5°C, Max RH 75%. surface 3+°C above dew point. Avoid condensation.

Fire testing:
Tested at UKAS Fire Test Laboratory -
• Achieved BS EN Class B s1 d0
• Certified to EN 13501 on Multilayer painted, high-risk Class 4 surfaces

New eu/ bs en fire standard Explained:
• BS EN Class B replaces Class O
• Today both Class O and Class B comply for escape routes,
  but Class O is being phased out
• Safe, compliant BS EN standards for smoke & toxic gasses are s1 & s2
• Safe, compliant BS EN standard for flaming droplets is dO
• New compliant standards for escape routes, corridors, stairs,
  lobbies etc are BS EN Class B s1 dO and Class B s2 dO
Quality assurance:
All products are manufactured under ISO 9001.

How to Order:
Please fill in the online Walls and Ceilings Enquiry Form and your order will be processed within 48hrs along with your preferred delivery requirement.

Click here for the Steel Enquiry Form >> [Walls and Ceilings 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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Astro IFV Varnish (Basecoat)

- BS476 Part 7: Class 1 surface spread of flame.
- BS476 Part 6: Fire propagation.
- Designated class 1, 0, & B s2 d0 in accordance with UK Building Regulations.
- Water based clear intumescent with White Spirit based decorative overcoat in Satin or Matt finishes.
- Brush, roller or spray application.

**Description:**
Astroflame IFV Intumescent fire varnish basecoat is part of a fire protection varnish system with the option of a clear or stained finish for Fire Protection of timber and timber derivative substrates. The special formula provides a tough, durable finish to internal and external wood. Clear or stained finishes enhance the natural beauty of the wood while fire protecting new and previously varnished surfaces. 1 coat Astroflame IFV Intumescent fire varnish basecoat plus 1 coat Astroflame FVO overcoat fire varnish clear or 2 coat woodstain. For damp or heavily cleaned areas apply 1 coat External overcoat. For external - 2 coats External.

**Saves Money and Time!**
- For class 1, 0, & B s2 d0 – 1 coat basecoat + 1 coat Interior /2 coats exterior Overcoat.
- For 30/60 minutes – 3 coats basecoat + 1 coat Interior /2 coats exterior Overcoat. Contact Technical Dept. T: 01329 844 500 or E: sales@astroflame.com

**Available in:**
- 20 square metre packs

**Intumescent fire protection:**
When exposed to fire, Astroflame IFV Intumescent fire varnish basecoat expands to create an insulating barrier, protecting timber surfaces from flames, heat and oxygen and suppressing emission of deadly smoke and gasses.

**Clear and stained varnish finishes:**
Astroflame IFV Intumescent fire varnish basecoat is a clear finish which is then overcoated with Astroflame FVO fire varnish overcoat

- Astroflame IFV Intumescent fire varnish basecoat available in 20 sq m
- Clear Fire Varnish Overcoat in 20 sq m + 80 sq m packs Matt or Satin

For certification and compliance with regulations we will supply a FREE of charge Certificate of Supply with each order or project.
Specification and application:
Prepare and apply -
- 1 coat Astroflame IFV Intumescent fire varnish basecoat
- 1 coat** Astroflame FVO overcoat fire varnish (internal) Clear or Stained

** Fruitwoods and for stained varnish finish - 2 coats Astroflame FVO fire varnish overcoat (internal).

EXTERNAL – 1 coat Astroflame IFV Intumescent fire varnish basecoat, 2 coats Astroflame FVO overcoat fire varnish (external).

Application by painters, decorators and other professional users only. Refer to instructions on Fire Varnish Base & Overcoat containers.

Previously varnished & stained surfaces or wood preservers:
Astroflame IFV Intumescent fire varnish basecoat can be applied over firmly adhered standard clear varnish. For existing stained varnishes, stain coatings, old fire coatings or if in doubt, contact Technical Dept.

If preservatives are required, use rapid drying clear non water-repellent grades.***
For tanalised or other preservative treatments, contact Technical Dept.
***Allow adequate time for stain or preservative fluids to escape.

Fire test standards:
- BS EN Class B s2 dO **
- Class O *
Note – For 30 or 60 mins Fire Resistance, contact Technical Dept T: 01329 844 500 or E: sales@astroflame.com

Preparation:
Cover, countersink & fill, or use non-ferrous, galvanized, stainless or sheradised fittings.
Ensure surfaces are dry, clean and free of all contamination.
Varnished, sealed or non-porous wood should be abraded thoroughly with 120 grit grade silicone carbide abrasive when dry to provide a good key.

Conditions:
During application & drying of the full system
- Ensure surfaces are thoroughly dry – max 18% moisture content.
- Maximum relative humidity RH 75%. Ensure adequate ventilation.
- Minimum air temperature 6°C. Minimum surface temperature 3°C above dewpoint– avoid condensation.
New fire regulations & tests explained:
• The new fire standard BS EN test lasts 20 mins. with airflow replaces the old BS 476 tests which lasted 10 mins and strangely restricted airflow.
• The new standard for flamespread and heat release Class B replaces Class O.

The new BS EN tests also monitor –

• Smoke & Gas “s” – s1 + s2 are none or very low & compliant, s3 = moderate smoke, s4 = heavy smoke.
• Flaming Droplets or Airborne particulates – dO is none, d1 = low, d2 = moderate d3 = high levels.

Environmental, health & safety:
Astroflame IFV Intumescent fire varnish basecoat clear, Varnish Overcoat matt or satin are water-based. For application by painters, decorators & other professional users.

Quality assurance:
All products are manufactured under ISO 9001.

How to Order:
Please fill in the online Varnish (Basecoat) Enquiry Form and your order will be processed within 48hrs along with your preferred delivery requirement.

Click here for the Steel Enquiry Form >> Varnish (Basecoat) 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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Astroflame FVO Intumescent Fire Varnish Overcoat

- BS476 Part 7: Class 1 surface spread of flame.
- BS476 Part 6: Fire propagation.
- Designated class 1, 0, & B s2 d0 in accordance with UK Building Regulations.
- Water based clear intumescent with White Spirit based decorative overcoat in Satin or Matt finishes.
- Brush, roller or spray application.

**Description:**
Astroflame FVO fire varnish overcoat Intumescent (internal and external) is a part of a varnish system with the option of a clear, tinted or stained finish for Fire Protection of timber and timber derivative substrates. The special formula provides a tough, durable finish to internal and external wood. Clear or stained finishes enhance the natural beauty of the wood while fire protecting new and previously varnished surfaces. Astroflame FVO fire varnish overcoat Intumescent (internal and external) matt or satin provides protection against UV and wear.

**Internal**
- Matt or Satin
- Clear 1 coat over basecoat
- Woodstain 1 or 2 coats over basecoat
- Always Provide adequate ventilation

**External**
- Matt or Satin
- Weather & UV resistant overcoat
- Clear or woodstain 2 coats over basecoat
- Always Provide adequate ventilation

**Available in:**
- 20 & 80 square metre packs

**Intumescent fire protection:**
When exposed to fire, Astroflame FVO fire varnish overcoat Intumescent (internal and external) expands to create an insulating barrier, protecting timber surfaces from flames, heat and oxygen and suppressing emission of deadly smoke and gasses.

**Clear and stained varnish finishes:**
Astroflame FVO fire varnish overcoat Intumescent (internal and external) are available in Clear, Stained Varnish, Matt or Satin

- Astroflame IFV Intumescent fire varnish basecoat available in 20 sq m
- Clear & Stained Fire Varnish Overcoat in 20 sq m + 80 sq m Matt or Satin

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W - www.astroflame.com : E - sales@astroflame.com
Specification and application:
Prepare and apply -
• 1 coat Astroflame IFV Intumescent fire varnish basecoat
• 1 coat** Astroflame FVO overcoat fire varnish (internal)
• Clear or Stained

** Fruitwoods and for stained varnish finish - 2 coats Astroflame FVO fire varnish overcoat (internal).

EXTERNAL – 1 coat Astroflame IFV Intumescent fire varnish basecoat, 2 coats Astroflame FVO overcoat fire varnish (external).

Application by painters, decorators and other professional users only. Refer to instructions on Fire Varnish Base & Overcoat containers.

Previously varnished & stained surfaces or wood preservers:
Astroflame FVO fire varnish overcoat Intumescent (internal and external) can be applied over firmly adhered standard clear varnish. For existing stained varnishes, stain coatings, old fire coatings or if in doubt, contact Technical Dept.

• If preservatives are required, use rapid drying clear non water-repellent grades.***
• For tanalised or other preservative treatments, contact Technical Dept.
• ***Allow adequate time for stain or preservative fluids to escape.

Fire test standards:
• BS EN Class B s2 dO **
• Class O *
Note – For 30 or 60 mins Fire Resistance, contact Technical Dept T: 01329 844 500 or E: sales@astroflame.com

Preparation:
Cover, countersink & fill, or use non-ferrous, galvanized, stainless or sheradised fittings
Ensure surfaces are dry, clean and free of all contamination.
Varnished, sealed or non-porous wood should be abraded thoroughly with 120 grit grade silicone carbide abrasive when dry to provide a good key.

Conditions:
During application & drying of the full system
• Ensure surfaces are thoroughly dry – max 18% moisture content.
• Maximum relative humidity RH 75%. Ensure adequate ventilation.
• Minimum air temperature 6°C. Minimum surface temperature 3°C above dewpoint– avoid condensation.
New fire regulations & tests explained:
• The new fire standard BS EN test lasts 20 mins. with airflow replaces the old BS 476 tests which lasted 10 mins and strangely restricted airflow.
• The new standard for flamespread and heat release Class B replaces Class O.

The new BS EN tests also monitor -

• Smoke & Gas “s” – s1 + s2 are none or very low & compliant, s3 = moderate smoke, s4 = heavy smoke.
• Flaming Droplets or Airborne particulates – d0 is none, d1 = low, d2 = moderate d3 = high levels.

Environmental, health & safety:
Astroflame FVO fire varnish overcoat Intumescent (internal and external), Clear and Stained Varnish Overcoat matt & satin are water-based. For application by painters, decorators and other professional users.

Quality assurance:
All products are manufactured under ISO 9001.

How to Order:
Please fill in the online Varnish (Overcoat) Enquiry Form and your order will be processed within 48hrs along with your preferred delivery requirement.

Click here for the Steel Enquiry Form >> Varnish (Overcoat) 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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Astroflame FR Paint

- BS 4800, BS 381C and RAL colour ranges.
- BS476 Part 7: Class 1 surface spread of flame.
- BS476 Part 6: Fire propagation.
- Meets new Fire Regulations standard BS EN Class B s1 dO and complies with Class O.
- Brush, roller or spray application.

Description:
Flame Retardant finish to protect, seal and decorate over Astroflame ISS intumescent Steel Coating.
- Durable, high opacity, weather-resistant.
- Maintains Class O on primed non-combustible surfaces.

Astroflame FR Paints assist in the control of fire hazards caused by combustible materials such as wood and paint in buildings by releasing a flame extinguishing gas upon contact with a fire.

Available in:
- 2.5 and 5 litre packs

Intumescent fire protection:
- Gloss: BS 4800, plus RAL.
- Eggshell: BS 4800, plus RAL.
- Metallic: Steel, gunmetal.

To specify:
(Note) - To upgrade surfaces, see Astroflame ISS intumescent Steel Coating.
To maintain existing fire rating apply -
Over similar colour - 1 coat FR Paint @ 8 sq m per lit.
Over contrasting colour - 2 coats FR Paint @ 10 sq m per lit
External - 2 coats @ 10 sq m per lit.

Application:
- Brush, roll or conventional spray
- Ensure surfaces are dry
- Do not apply when rain, damp or condensation may occur
- During application or drying

Composition:
- Flame retardant agents
- Alkyd binders
- High opacity pigments
Fire testing:
- Tested to BS476 Part 7; Class 1 surface spread to flame.
- BS476 Part 6; Fire propogation.
- Designated Class 0 in accordance with U.K. Building Regulations.

Coverage:
- High opacity colours - 1 coat @ 8 sq m per lit.
- Poor opacity colours, major colour change, metallic finish or external apply 2 coats @ 10 sq m per lit.

Minimum drying times:
- Touch Dry 6 hours
- Recoat 12 hours
- Stacking & Transport 5 days

Quality assurance:
All products are manufactured under ISO 9001.

How to Order:
Please fill in the online Paint Enquiry Form and your order will be processed within 48hrs along with your preferred delivery requirement.

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

Technical Advisory:
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Disclaimer:
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Astro HBP Primer

- Compatible with our intumescent paint
- High Build & Quick Drying
- Red, White or Grey
- Solvent or water based options
- Brush, Roller or Spray
- Suitable as a general use metal primer

Description:
A High Build Quick Drying corrosion resistant metal primer for structural steel and cast iron. Contains high durability resin binders, light fast pigments and a high concentration of zinc phosphate.

Compatible with Astroflame ISS Paint and most other intumescent paint systems, epoxy and conventional paints.

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.

May be overcoated with our intumescent paint systems as well as epoxy, conventional gloss, eggshell, acrylic and vinyl paint finishes.

Available in:
Astroflame HBP Primer is available in 2.5 litre and 5 litre containers.

Application:
Single Pack. Suitable for brush, roller or airless spray application. Do not stir.

- Airless Spray - Graco 1500, 5000 or equivalent.
- Thinners - Do not thin.
- Solvent based - Clean equipment with white spirit.
- Water based - Clean equipment with water.
- Max. Relative Humidity 80%.
- Min. Temperature 6° C.
- Min. Steel Temperature 3° C above Dew Point.

Remove weld spatter, grind down weld seams and sharp edges. Blast clean to SA2½ Swedish Standard. If impractical remove all rust and millscale with hand powertools, avoiding polishing the surface. Prime before rust starts to reform. Surfaces should be free from dust, dirt and grease.

Volume solids 50%
Dry film thickness 75 microns.
Theoretical coverage 6m sq/litre.
Colours Grey/ white /red.
Minimum drying times:

<table>
<thead>
<tr>
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<th>Water Based</th>
<th>Oil Based</th>
</tr>
</thead>
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<tr>
<td>Touch</td>
<td>Dry 2 hours.</td>
<td>6 hours.</td>
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<td>Re-Coat</td>
<td>4 hours.</td>
<td>12 hours.</td>
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**How to Order:**
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Click here for the Steel Enquiry Form >> [Paint Enquiry Form](#)

**Technical Advisory:**
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