

Anti-Graffiti & Specialist Coatings



ASTROflame[™]

MANUFACTURERS OF PASSIVE FIRE STOP PRODUCTS

PRODUCT GUIDE 14.0



We are manufacturers of passive fire stop products, draught and weather sealing systems for the construction industry. Our range covers Door Protection, Finger Protection, Lighting Protection, Fire Stop Products, Mastics and Foams, Acoustic Seals, Disabled Access, Anti Graffiti Paints and Fire Paints.

Our in-house design and test facility offers a fast downtime on new product innovations from concept to completion, we will be pleased to discuss your construction product needs. New products are added to our range all the time - to keep up to date, bookmark our website www.astroflame.com. We only cover some of our draught and weather sealing products within this catalogue, request the Astrodraft catalogue or visit www.astrodraft.com for our complete range.

Anti Fly Poster Coating



Poster Magic is a specially formulated version of an anti graffiti coating for traffic light control boxes, telephone, cable and electricity junction boxes, CCTV enclosures, street lighting columns and similar items of street furniture.

Posters will not adhere to surfaces coated with Poster Magic. This unique one-pack coating gives effective protection against both fly-posting and Graffiti. Poster Magic is a permanent, not a sacrificial system, allowing for repeated easy removal of posters or graffiti. Clear finish in Matt or Gloss.

Application

Suitable Substrates: Poster Magic is suitable for a wide variety of surfaces, though if in any doubt we recommend a trial application, or contact the technical department who will be pleased to give advice. Can be used on concrete, render, masonry, porous stone, timber and previously painted surfaces. Use over masonry paints should be tested first for adhesion - we cannot be held responsible for problems caused by untested areas. It should not be used over Pliolite based products without first applying to a test area.

First thoroughly clean and degrease the surface to be coated using Mastersolve. Even newly powder coated or stove enamelled items can have oily surface residue that must be removed using a solvent wash, such as Mastersolve, prior to the application of two coats of Poster Magic. If the box is old and requires refurbishment then first apply a coat in the colour required before applying two coats of Poster Magic to finish. Apply by brush or roller (brushes and roller sleeves may need to be discarded after use). Coverage is 8m² per litre.

Posters will not adhere to surfaces coated with Poster Magic, once dry they will fall off or can easily be peeled off by hand.

No scrapers, solvents or water is required.
Supplied in 5 litre tins.

Order code: APM5

Bare Surface Graffiti Remover (BSGR)



Bare Surface Graffiti Remover (BSGR) Graffiti Removal Chemical is a clear, thick gel liquid. A water washable graffiti remover designed to remove both aerosol and marker pen graffiti from uncoated porous surfaces.

BSGR has been specifically developed to remove both aerosol and marker pen graffiti, without residual shadowing, prior to the application of Anti Graffiti Paint. Gelled for ease of application to vertical areas. BSGR has been designed to remove graffiti from brick, concrete and stone - though it can be equally effective on other substrates. BSGR is an aggressive solvent based cleaner: it is not suitable for use on previously painted surfaces or any surface that may be damaged by strong solvents.

Available in 5 or 20 litre sized containers. After removal of graffiti apply Anti-Graffiti Paint to protect from future graffiti attacks.

Application

Do not apply to sensitive material such as plastic, perspex or previously painted surfaces. If in doubt contact the technical department or carry out a small trial application. Hold cloth over top whilst opening. Apply a thick coat by brush - for areas of heavy graffiti apply a second coat on the top of the first coat after a few minutes. Leave until graffiti reacts - usually between 10 and 30 minutes. Rinse off with copious amounts of water - for best results use a power washer. If a shadow remains then allow the surface to dry and apply BSGR again. Clean all equipment with water immediately after use.

Coverage: Approximately 10 square meters per litre depending on porosity of surface.

Order code: ABSGR5

Anti Graffiti Paint



Anti Graffiti Paint is a translucent, non-sacrificial coating that allows repeated easy removal of graffiti using warm water and mild detergents.

This anti graffiti paint is designed to minimise any alteration to the appearance of the protected surface and is available in a matt or gloss finish. If in doubt about the final appearance of the anti graffiti treated surface try a test application and consider applying a Non Darkening Sealer primer coat.

The one-pack external coating is designed to protect against both graffiti and fly-poster attack and also resists marker pens.

The anti graffiti coating can be used on concrete, render, masonry, porous stone, timber and previously painted surfaces, but should not be used over Pliolite based products. The matt version is particularly effective on normally difficult to protect substrates such as rough brick or textured finishes. Short drying and re-coating times for rapid protection against graffiti.

Application

The product preserves the substrate in the condition in which it is treated, cleaning and/or re-decoration must take place before treatment. Test adhesion first for use over existing masonry paints. Test for possible surface darkening if it is critical that the coated surface must appear exactly like the original. Consider using Non Darkening Sealer. Apply by brush, roller or spray. Thin with up to 10% white spirit if needed. 2 coats recommended for all surface types.

Coverage on bare brick, concrete or stone - depending on how porous - is from 7 to 10 m² per litre per coat. Porous surfaces are best sealed with Non Darkening Sealer first, which also gives a slightly improved better coverage rate of 8 to 10 m² per litre per coat (still two coats required). Previously painted and other non porous surfaces - 10 to 12 m² per litre per coat (two coats required).

These figures are approximations, supplied for guidance only. We recommend that the customer works out their own coverage requirements, making a trial application if needed. Typically, touch dry is achieved within 30 minutes at 25 °C / 70°F and a second coat can be usually be added within 4 to 6 hours. Due to moisture curing nature of product do not leave in opened containers. Take care to clean equipment immediately after use. A correctly applied finish has an anticipated lifespan of seven years.

If in doubt about the suitability of Anti Graffiti Paint for a particular type of surface we recommend a trial application be performed, or contact us for advice.

Properties

- Appearance: Semi-transparent/Clear Liquid
- Solvent: White Spirit
- Viscosity: 2.5 to 3 Poise
- Solids: 34 to 36% by Weight
- Specific Gravity: 0.85 to 0.88
- Shelf Life: 12 months in unopened container
- UV Resistance: Excellent

Order code: AAGPM5 (Matt)

Order code: AAGPG5 (Gloss)

Anti Graffiti Paint Sealer Coat



Non Darkening Sealer is a clear 100% acrylic sealer dispersed in water making it low odour, non-flammable and low toxicity.

Used as a transparent sealer for porous surfaces, such as, brick, mortar, concrete, render, porous stone and bare timber prior to application of Anti-Graffiti Paint. It is used to avoid darkening the original surface - for example bricks may not show any darkening when an anti-graffiti coating is applied but the mortar may do.

To test the effectiveness of Non Darkening Sealer we strongly recommend a small discrete trial application be carried out. It is not required over sealed or previously painted surfaces. Can also be used, on its own, as a general non darkening sealer for concrete and concrete products such as cement render, mortars and grouts, fibro cement, etc. It is also suitable for sealing sandstone and other natural stone products against the ingress of water reducing mould and mildew discolouration.

Application

Application is by brush, spray or roller. Apply one good coat of Non Darkening Sealer over a clean, dry substrate - first ensuring that any brick acid/etch cleaner used has been thoroughly rinsed off. Non Darkening Sealer is milky white when first applied but dries clear. For Non Darkening Sealer to work it is important that it be allowed to dry fully before applying any finishing coats. Allow at least 4 hours under good drying conditions, but preferably overnight.

Important: Avoid using a paint brush when applying Non Darkening Sealer to surfaces subjected to efflorescence (i.e. salt deposits on cement substrates). Efflorescence can be difficult to detect on light coloured surfaces and will produce a milky effect on a clear finish if disturbed during application (i.e. by shear action of using a brush). Roller or spray application is recommended where efflorescence may be present.

Properties

- Appearance: White liquid 1.02
- Specific gravity: 1.04 24
- Solids by weight: 25%
- UV Resistance: Excellent
- Flammability: Water based (Non-flammable)
- Service temperature: 20°C to 90°C
- Shelf life: 12 months in original unopened container.

Application Data

- Application temperature: Minimum 8°C - 30°C
- Open time: Approx 20 minutes at 25°C
- Drying time: Touch dry in 1-2 hours depending on conditions. Re-coat with Graffiti Magic after 24 hours.

Order code: ANDS5 (Matt)

Graffiti Cleaner Shadow Lifter



Shadow Lifter is a specially formulated alkaline graffiti cleaner for the removal of stubborn graffiti shadowing from brickwork, stone and concrete.

This non-hazardous cleaning liquid, gelled for ease of use on vertical surfaces, removes stubborn shadows that may remain after graffiti removal. Also removes general soiling and staining from brickwork.

Application

Pressure wash the area to be treated to prevent any unnecessary absorption and streaking. Apply undiluted Shadow Lifter with a bristle brush to the affected area at a coverage rate of 5m²/Litre starting at the bottom edge working upwards. Areas to be cleaned should be wetted prior to application to prevent streaking. Allow to dwell for 1-2 minutes before rinsing. Pressure wash with a pump capable of 1500 psi @ 14 lpm, with a slow even movement keeping the lance 15-20 cm away from the surface until complete rinsing has been achieved.

Order code: ASL5

Mastersolve Grease, Grime & Gunge Removal



Mastersolve is used to prepare surfaces for painting - and is a highly concentrated multi-purpose cleaning product with many other uses.

Mastersolve dissolves: Grease, Fats, Nicotine, Inks, Dyes, Waxes, Carbons. Ideal for use on: Floors, Walls, Concrete, Tiles, Altro flooring, Vinyl flooring, Carpeting, Machinery, Kitchen equipment, Engine cleaning, Paint preparation and most porous and non porous surfaces. Mastersolve is safe to use in food preparation areas, hospitals, animal housing, garages and nursing homes. Mastersolve can be applied by hand or via a pressure washer.

Features

Non Toxic, Bio Degradable, Non Caustic, Water Soluble, Non Corrosive, Non Flammable, Film Free.

Order code: AMS5

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MANUFACTURERS OF PASSIVE FIRE STOP PRODUCTS

UK OFFICE

Astroflame Fireseals Ltd, Unit 8, The I.O. Centre
Stephenson Road, Segensworth, Fareham, England PO15 5RU

T 0800 023 2482 (01329 844500) Tel Intl +44 1329 844500
F 0800 023 2483 (01329 844600) Fax Intl +44 1329 844600
E sales@astroflame.com

www.astroflame.com www.astrodraft.com



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Gum Removal System



Gum Magic aids chewing gum removal and inhibits the adhesion of grease & grime to many surfaces. Chewing Gum can usually be removed with medium pressure water jetting.

Gum Magic gives long lasting protection to all porous building materials, for example brick, limestone, marble, granite, slate, terracotta, concrete rendering and artificial stone. The product also offers protection from greasy stains (oil, diesel, petrol, etc) and protects against general grime. Gum Magic prevents moss and lichen growth on roofs, pavements and pedestrian surfaces. For use on exterior stonework, patios, block paving, pedestrian areas and car parks. It can also be applied to interior stone flooring, floor tiles and garage doors.

Features

Inhibits chewing gum adhesion. Enables chewing gum removal with medium pressure washer. Waterborne & ready to use. Non-flammable. Non-toxic. Environmentally friendly. Prevents stains and airborne dirt from adhering to surfaces. Resists graffiti and algal growth. Stains are easily removed using water and detergents. Prevents penetration of water, liquids, oil and most types of surface contamination to porous masonry substrates.

Transparent - will not alter colour or original appearance, allows the surface to breathe. UV resistant does not cause yellowing. A simple application dramatically prolongs the life of all surfaces providing an innovative, scientific solution for the protection of buildings and structures; both historic and modern. Surface will remain moisture vapour permeable. Long lasting protection.

Order code: AGM5

Non Slip Floor Paint



An anti-slip floor paint based on an epoxy ester formulation that dries to a tough durable finish. Has good resistance to water, oils, mild acids and alkalis. Available in 3 colours: Tile Red, Mid Grey and Green.

Ideal for use on concrete, timber and steel floors. Anti-slip properties produced by the use of organic powder gives enhanced safety to slippery areas. The use of organic powder to produce the anti-slip properties has eliminated the risk of sparking from metal wheels and tools, unlike some floor coatings that contain sand or grit. This anti-spark feature provides extra safety, for example in factories or chemical plants, where sparks are hazardous.

Order code: AFNSC/Col

Astroflame also stock a range of Fireproof Paints - contact us today to request the brochure.

