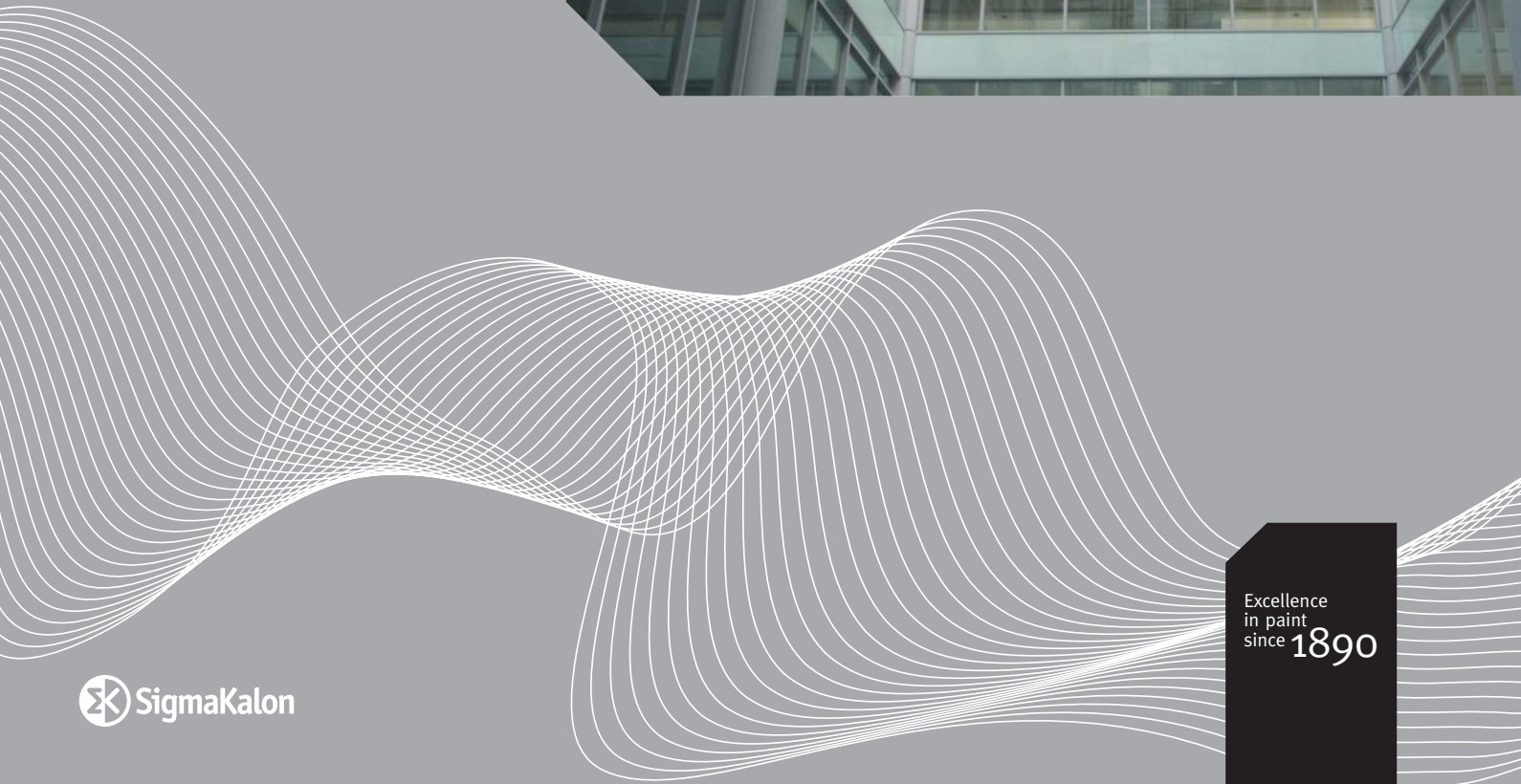


Uniclass L6832	EPIC E621:E66
CI/SFB	Vu



High performance coatings for specialist applications

**PERFORMANCE
COATINGS** 



Performance Coatings

JOHNSTONE'S

Johnstone's Performance Coatings offer a comprehensive range of high performance products and finishes together with associated pre-treatments, providing the solution to all flooring, hygiene and steel and cladding coating requirements.

All Johnstone's Performance Coatings are available through Johnstone's Leyland Decorating Centres nationwide and a network of merchant stockists.



SigmaKalon UK Limited is a member of the RIBA CPD Providers Network.

nbsPlus

National Building Specification. The recognised format used by Architects and Specifiers in the UK for specifying products.

1

Floor

**PERFORMANCE
COATINGS** 

Johnstone's Floor Coatings offer a comprehensive range of high performance floor paints suitable for use in domestic and industrial applications. All products offered in the range give excellent performance, coverage and longevity, from back to 'business as usual' within a day, to chemical resistance, Johnstone's Floor Coatings provide a performance solution.

2

Steel and
Cladding

**PERFORMANCE
COATINGS** 

Johnstone's recognise that maintenance prolongs the life of buildings, machines and other installations. This range of high performance coatings offers a simple, cost-effective system for the maintenance of steel and cladding substrates.

3

Hygiene

**PERFORMANCE
COATINGS** 

Johnstone's Hygiene Coatings bring you top quality coatings for all applications where hygiene is an issue.

4

Specialist

**PERFORMANCE
COATINGS** 

Johnstone's Specialist Coatings offers you a range of products providing solutions to a wide variety of specialist application needs. High performance, top quality products ensure the correct level of protection and finish is achieved.

5

Primers

**PERFORMANCE
COATINGS** 

Johnstone's Specialist Primers offer a comprehensive range of specialist application primers providing solutions to a variety of priming needs.

6

Flame
Retardants

**PERFORMANCE
COATINGS** 

Johnstone's Flame Retardant Coatings bring a comprehensive range of fully tested coatings meeting today's building regulation standards.

Floor Coatings



Case Study

Customer: British Airports Authority

Location: Heathrow Rail Terminal

Contractor: Cousins Ltd

Task: Painting escape staircases, handrails and floors in the vent building, where huge fans circulate air into underground areas.

- The express rail terminal will handle millions of passengers every year, providing a vital link with London's Paddington Station.
- Johnstone's Performance Coatings Acid Etch Solution provided an excellent key for the 2 Pack Epoxy Water Based Floor Paint.
- The Class 'O' fire rating was essential for application underground.
- Stairs and handrails were picked out in a specially manufactured yellow to enhance their visibility.

"We chose Johnstone's Floor Coatings based on our previous experience with the services offered and the product. We know we will get the best with Johnstone's and that's the reason we push for it."



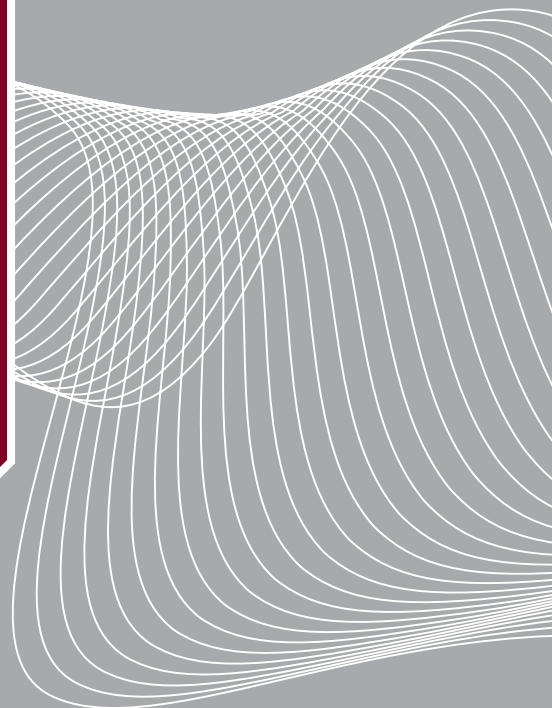
Light traffic
Foot traffic



Medium traffic
Cars, foot traffic and occasional forklift truck



Heavy traffic
Constant use by articulated lorries, forklifts, cars etc.



Floor Coatings

Product Selector

Light Traffic

Medium Traffic

Heavy Traffic

Chemical Resistance

Durability

VOC

Thinner/Cleaner

2 Pack Epoxy Water Based Floor Paint	2 Pack Epoxy Solvent Based Floor Paint	Quick Dry Floor Paint	Low Slip Concrete Floor Paint	Flortred	Road Marking Paint	Hard Court Paint
Yes	Yes	Yes	Yes	Yes	Yes	Yes
Yes	Yes	No	Yes	Yes	Yes	Yes
Yes	Yes	No	No	No	Yes	No
High	Very High	Moderate	Moderate	Moderate	Fair	Moderate
High	Very High	Fair	Moderate	Moderate	High	High
Low	High	Low	High	High	High	Low
Water	TC3	Water	TC2	Water	TC1	Water



2 Pack Epoxy Water Based Floor Paint

Size: 5 Litre (4 Litre Base + 1 Litre Activator = 5 Litre)

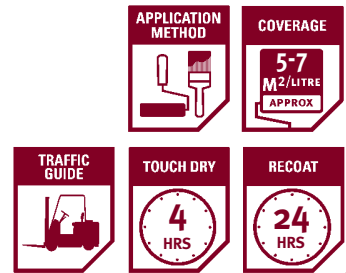
Ideal Usage:

Floors and primed steelwork where high durability is required.

A two pack, water thinned finish for use on floors, structural steel, machinery and wall tiles. Suitable for use in heavy traffic areas.

- Tough, abrasion resistant
- Resistant to moderate chemicals and most solvents
- Low odour and taint free
- Full chemical cure in 7 days
- High performance semi gloss finish

Colours: Dark Green, Princess Grey, Dark Grey, Morning Mist, Tile Red



2 Pack Epoxy Solvent Based Floor Paint

Size: 4 Litre (3 Litre Base + 1 Litre Activator = 5 Litre)

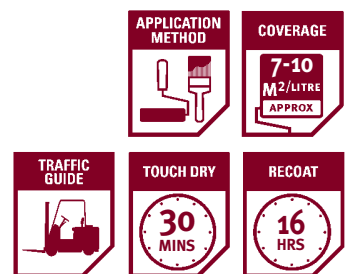
Ideal Usage:

Heavy industrial, factories and warehouses.

A two pack semi gloss finish for concrete, steel, non-ferrous metals and asbestos cement. Suitable where a more heavy duty and chemical resistant finish is required.

- Excellent water resistance
- Resistant to chemicals and solvents
- Excellent abrasion and impact resistance
- Superb adhesion to concrete

Colours: Dark Green, Princess Grey, Dark Grey, Morning Mist, Tile Red



Quick Dry Floor Paint

Size: 5 Litre

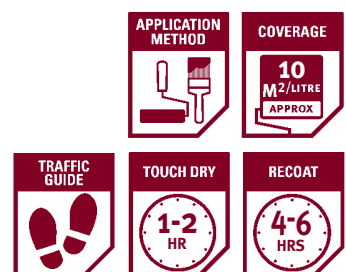
Ideal Usage:

Schools, nurseries, timber walkways and floors.

A rapid drying, water-based floor paint based on a tough acrylic resin providing a low odour finish suitable for use in light traffic areas. Excellent on timber floors as well as concrete. Not suitable for garage floors.

- Quick drying
- Low odour
- Water-based

Colours: Dark Grey, Morning Mist, Tile Red



Floor Coatings



Low Slip Concrete Floor Paint

Size: 5 Litre

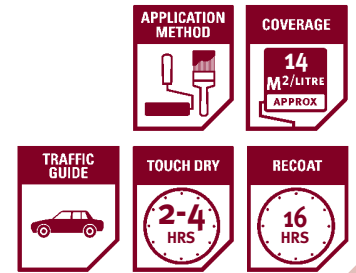
A single pack finish for concrete, steel and wooden floors which contains a light aggregate to provide a slip resistant, semi-gloss finish.

- Resistant to mild chemicals
- Low slip formulation
- Suitable for light to medium traffic areas

Colours: Tile Red, Dark Grey, Dark Green

Ideal Usage:

Walkways and garages where slip resistance is required.



Flortred

5 Litre and 2.5 Litre (Not all colours are available in 2.5 Litre)

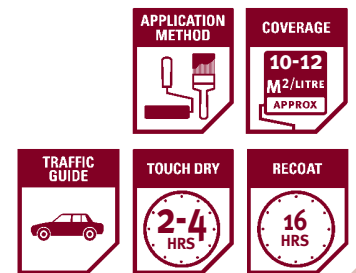
A solvent-based, semi-gloss coating for concrete, steel and wooden floors which dries to a smooth finish. Suitable for light to medium traffic areas.

- Resistant to mild chemical spillage
- Hardwearing finish
- Prevents dust formation

Colours: Black, Clear, Dark Green, Dark Grey, Morning Mist, Princess Grey, Sherwood Green, Safety Yellow, Safety Red, Safety Blue, Tile Red, White

Ideal Usage:

Walkways, light industrial factories and warehouses.



Road Marking Paint

Size: 5 Litre

A universal road marking paint suitable for application to asphalt, concrete and brick on roads, runways, car parks and sports facilities.

- Quick drying
- Resistant to water, oil and brine
- Good fade resistant properties

Colours: Yellow, White

Ideal Usage:

Car parks, warehouses and roads.



Hard Court Paint

Size: 10 Litre

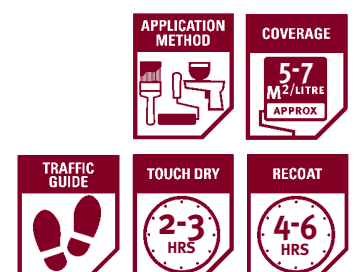
A high quality, water-based, acrylic resin based coating formulated for interior and exterior use. Suitable for use on all weather hard courts and sporting areas.

- Slip resistant
- Water-based
- Durable

Colours: Red, Green

Ideal Usage:

Concrete or tarmac tennis courts and school playgrounds.



Floor Coatings

Anti-Slip Additive

Size: 1.5kg

Ideal Usage:

Any area where slip resistance is required.

A silica quartz based additive powder to give smooth floor paints a tough and durable anti-slip performance.

- Improves slip resistance of floor paints
- Compatible with all Johnstone's Floor Coatings
- Can be added directly to the paint or sprinkled on the wet paint film



Acid Etch Solution

Size: 5 Litre

Ideal Usage:

Preparing power floated concrete.

A surface pre-treatment prior to painting for power floated and smooth concrete floors.

- Etches surfaces for improved adhesion
- Removes excess lime
- Not suitable for use on case hardened concrete



Essentials required by Johnstone's Floor Coatings

TC1 Thinner & Cleaner

- Road Marking Paint

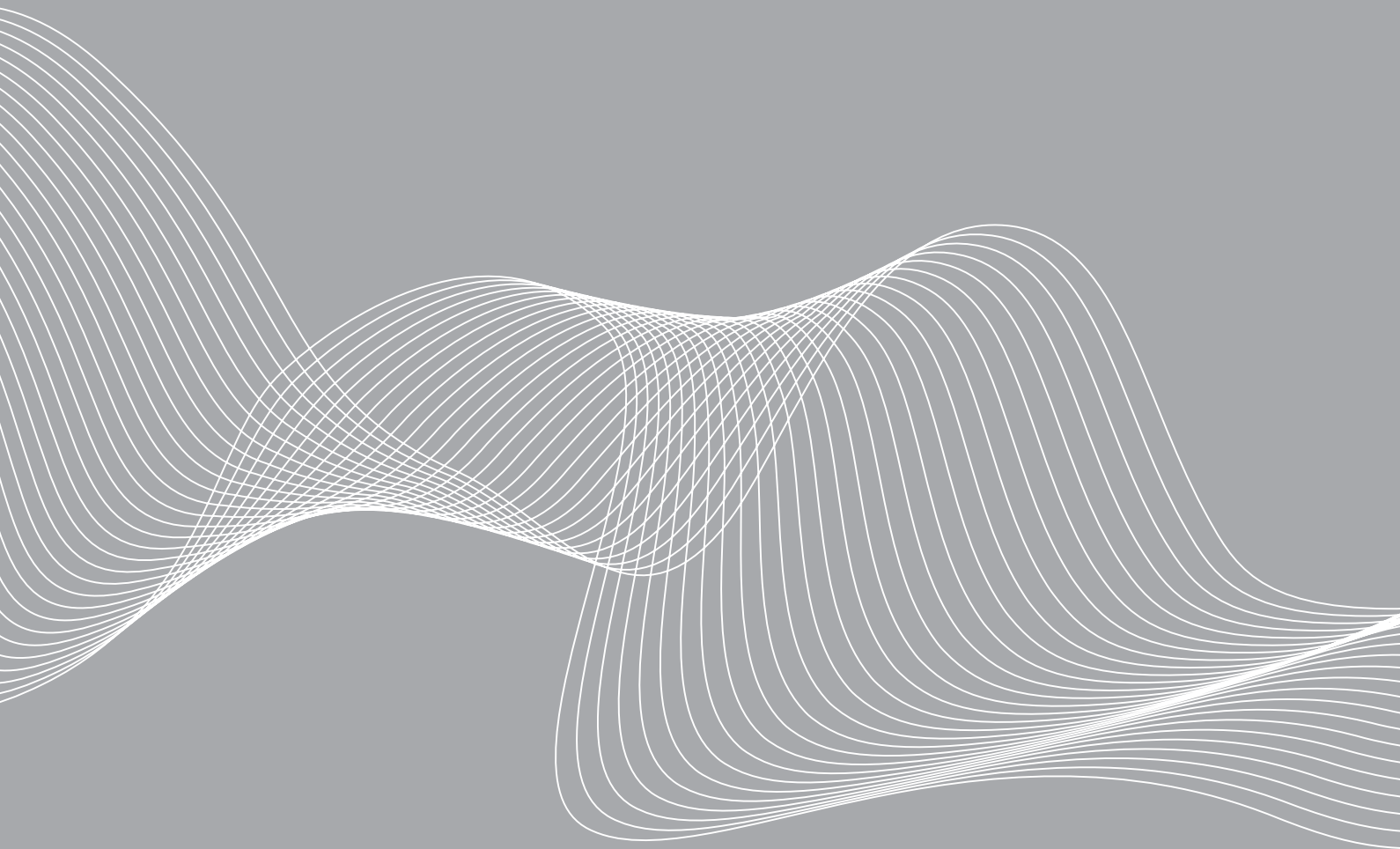
TC2 Thinner & Cleaner

- Low Slip Concrete Floor Paint
- Flortred

TC3 Thinner & Cleaner

- 2 Pack Epoxy Solvent Based Floor Paint

Steel & Cladding Coatings





Case Study

Customer: Blackburn & Darwen Council

Contractor: Connor Decorators & TI Protective Coatings

Task: Refurbishment of a 100 year old structure spanning the river Darwen in Blackburn, constructed from mild steel but suffering from minor corrosion.

- The project was completed in less than 16 weeks, in spite of the scale of the task.
- Removal of surface rust prior to spot priming was carried out then two coats of Semi-Gloss Topcoat and one coat of Gloss Topcoat were applied.
- Once the main section of the bridge had been completed, TI Protective Coatings moved in to carry out work on the soffit, the final section of the bridge. Great care was taken to adhere to the specification which advised that Johnstone's Performance Coatings would provide full protection in all weather.
- The recommended products were applied to the structural steelwork on the underside of the bridge, taking just three weeks to complete.

Steel & Cladding Coatings

Product Selector

Usage

Durability

Thinner/Cleaner

2 Pack Primer	Single Pack Primer	Semi-Gloss Topcoat	Gloss Topcoat
Spot priming of steel and plastisol cladding	Patch priming of steel and plastisol cladding	Cladding and suitably prepared steelwork	Cladding and suitably prepared steelwork
Very High	High	High	Very High
TC3	TC1	TC2	TC2



2 Pack Primer

Size: 2 Litre (1.5 Litre Base + 500ml Activator)

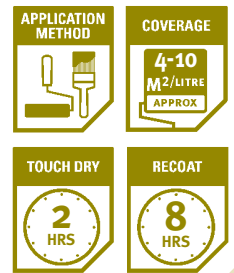
Ideal Usage:

Spot priming of damaged cladding. Priming of poorly prepared steel.

A two pack epoxy, solvent-based, surface tolerant primer for application to a variety of metallic substrates, providing a high performance corrosion inhibiting coating.

- Excellent water barrier properties
- Suitable for spot priming of aluminium and galvanised steel
- Tolerates damp surfaces during application
- Pot life 8 hours

Colours: Brown



Single Pack Primer

Size: 5 Litre

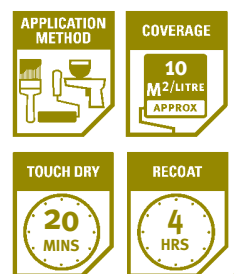
Ideal Usage:

Priming of pre-treated aluminium and properly prepared steel.

A fast drying, single pack, anti-corrosive primer for use under a variety of finishes.

- Excellent anti-corrosive properties
- Good adhesion to pre-treated steel and aluminium
- Suitable as a holding primer
- Sprayable if thinned appropriately

Colours: Light Grey



Semi-Gloss Topcoat

Size: 5 Litre

Ideal Usage:

Suitably prepared steel, plastisol cladding and other metallic surfaces.

A silicone alkyd based, semi-gloss finish that is specially formulated to endure the rigour of exterior exposure.

- Excellent durability and UV resistance
- Good anti-corrosive properties
- Easy application and good adhesion

Colours: Available in a range of colours via our Tinting System.



Steel & Cladding Coatings



Gloss Topcoat

Size: 5 Litre

Ideal Usage:

Suitably prepared steel, plastisol cladding and other metallic surfaces.

A silicone alkyd based, gloss finish coat formulated to provide long lasting protection against corrosion on metal substrates. For use where excellent durability is required or as the finishing coat of a protective paint system.

- Excellent durability and UV resistance
- Good anti-corrosive properties
- Dry heat resistant (125°C pale colours, 175°C dark colours)

Colours: Available in a range of colours via our Tinting System.



Essentials required by Johnstone's Steel & Cladding Coatings

TC1 Thinner & Cleaner

- Single Pack Primer

TC2 Thinner & Cleaner

- Semi Gloss Topcoat
- Gloss Topcoat

TC3 Thinner & Cleaner

- 2 Pack Primer

Hygiene Coatings



Good hygiene is crucial to reduce the risk of infection. Johnstone's Hygiene Coatings assists specifiers in their overall strategy to combat bacteria by offering long term protection against the growth of mould, bacteria and other harmful micro-organisms.

Product Selector	Anti-Mould Acrylic	Stopmould	2 Pack Water-Based Wall Coating	Sterilisation Wash
Location	Interior & Exterior	Interior	Interior & Exterior	Interior & Exterior
Washability	High	Very Low	Exceptional	N/A
Durability	Moderate	Low	Very High	N/A
Thinner/Cleaner	Water	Water	Water	Water
Special Features	Matt Finish	Matt Finish	2 Pack Performance	Good Dilutability

Hygiene Coatings



Anti-Mould Acrylic

Size: 2.5 & 5 Litre

A premium quality, acrylic resin based, mould inhibiting coating formulated for use on walls and ceilings where protection against algal and fungal growth is required.

- Safe in food preparation areas
- Low odour and quick drying
- Inhibits mould and algal growth

Colours: White, Magnolia

⚠ Always read the label. Use pesticides safely.
Contains: DICHLOROPHENYL DIMETHYLUREA 0.220% W/W.
CABENDAZIM 0.099% W/W. 2-OCTYL-2H-ISOTHIAZOL-3-ONE 0.031% W/W

Ideal Usage:

In areas where algal and fungal growth are a problem both interior and exterior.



Stopmould

Size: 2.5 & 5 Litre

A water-based, matt emulsion formulated for areas subject to conditions which are conducive to mould growth.

- Suitable for use on new and aged plaster
- Inhibits mould growth
- Interior use in intermittently damp areas

Colours: White, Magnolia

⚠ Always read the label. Use pesticides safely.
Contains: DICHLOROPHENYL DIMETHYLUREA 0.10% W/W.
CABENDAZIM 0.045% W/W. 2-OCTYL-2H-ISOTHIAZOL-3-ONE 0.014% W/W.

Ideal Usage:

Interior areas of high humidity where mould growth is a problem.



2 Pack Epoxy Water Based Wall Coating

Size: 2.5 Litre (2 Litre Base & 500ml Activator)

A two pack, durable semi gloss finish for use on walls, offering a tough, abrasion resistant film.

- Odourless and taint free
- Excellent washability for areas of high contamination
- Resistant to mild chemicals and solvents

Colour: White

Ideal Usage:

Where a high resistance to washing down is required. Excellent on blockwork.



Sterilisation Wash

Size: 2.5 Litre

A water-based solution formulated for the control and treatment of mould, fungal and algal growth prior to painting.

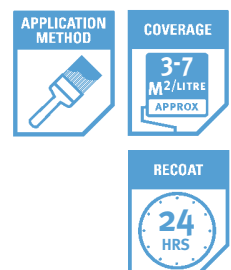
- Ideal for use on walls, ceilings and masonry
- Ready to use formulation
- Suitable for both interior and exterior use

Colours: Clear

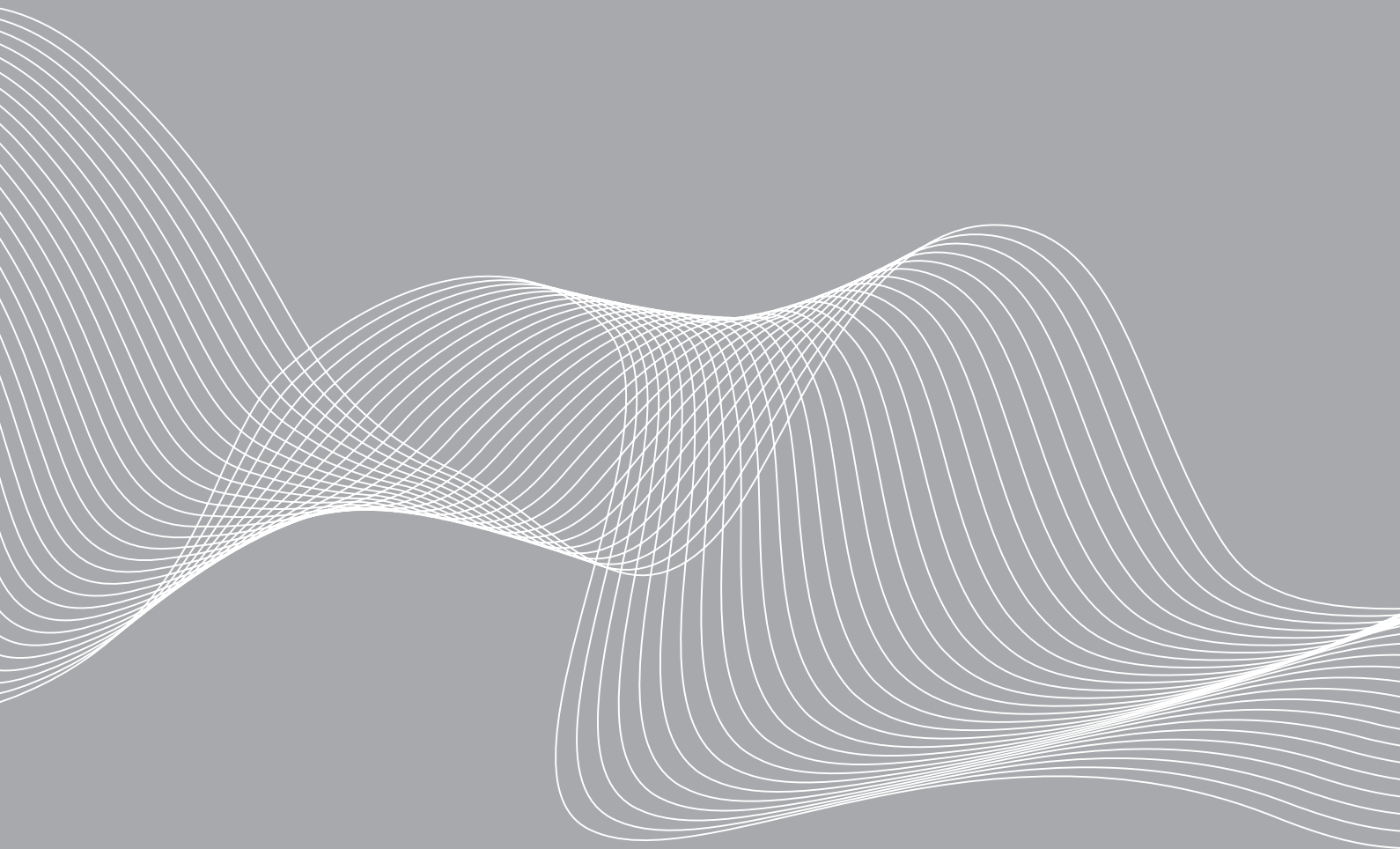
⚠ Always read the label. Use pesticides safely.
Contains: BENZALKONIUM CHLORIDE 5.0% w/w 50g/l.

Ideal Usage:

As a pre-treatment for decorative coatings both interior and exterior.



Specialist Coatings





Case Study

Customer: MP Agricultural

Contractor: Metcalfe Contractors

Task: Refurbishment of interior steelwork in large grain storage shed.

- This grain storage shed handles thousands of tonnes of grain in various guises throughout the year.
- All steelwork was manually prepared and spot primed prior to the application of Johnstone's Specialist Coatings Aluminium Paint.
- This product was chosen due to its excellent protective metallic finish which is essential in this high usage area.
- The fluctuation of heat inside the structure made Johnstone's Specialist Coatings Aluminium Paint an excellent choice due to its heat resisting properties, withstanding heat up to 150°C.

Specialist Coatings

Product Selector

Metal

Concrete

Ducting

Pipework

Plaster

Wood

Wallboards

Brickwork

Blockwork

Structural Steel

Ironwork

Blackboards

Machinery

Interior Walls

Roofs

Thinner/Cleaner

Black Bitumen	Matt Blackboard Paint	Flat Oil Paint	Red Oxide	Aluminium Paint	Agricultural Oxide	MIO	QDME	Anti-Codensation Paint	Damp Proof Paint	Heavy Duty Glaze	Solar Reflective Paint	
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No		Yes	
Yes				No	No	No	No		Yes		Yes	
				Yes				No	No	No		
				Yes		Yes	Yes	No	No	No	Yes	
No	Yes	Yes	No	No	No	No	No	Yes	Yes			
	Yes	Yes	Yes				Yes	Yes	Yes			
	Yes	Yes					No	Yes	Yes			
	Yes	Yes		No		No	No	No				
Yes	Yes	Yes		No		No	No	Yes	Yes			
Yes			Yes		Yes	Yes	Yes	No	No	No	Yes	
	Yes		Yes		Yes	Yes	Yes	No	No	No	Yes	
No	Yes	Yes	No	No	No	No	No	No	No	No	No	
No	No	No		No	Yes		Yes	No	No	No	No	
No	Yes	No	No	No	No	No	No	Yes	Yes	Yes	No	
Yes			No	No			No	No	No	No	Yes	
TC2	TC2	TC2	TC2	TC2	TC2	TC2	TC2	TC1	Water	TC2	Water	TC2

This is only a guide if the box is blank then please check with Technical Advisory

Black Bitumen

Size: 2.5 Litre and 5 Litre

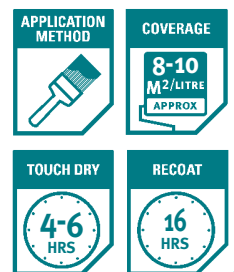
Ideal Usage:

Metal and concrete surfaces where water resistance is required.

A corrosion resistant, waterproofing paint formulated for interior and exterior use on metal and concrete surfaces.

- Resistant to dilute acids and alkalis
- Anti-corrosive properties

Colour: Black



Matt Blackboard Paint

Size: 1 Litre and 2.5 Litre

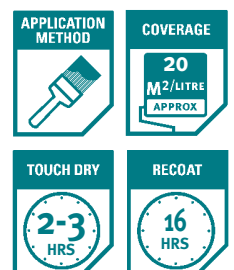
Ideal Usage:

Beams, panelling, doors, decorative ironwork, stage scenery and blackboards.

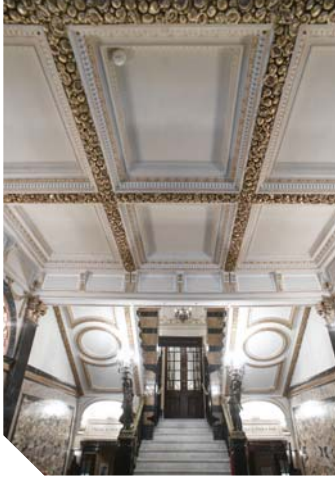
An attractive smooth, non-reflective black finish formulated for interior use where a durable 'dead matt' finish is required.

- Non-reflective finish
- Dead matt
- Suitable for a variety of applications

Colour: Black



Specialist Coatings



Flat Oil Paint

Size: 2.5 Litre and 5 Litre

A solvent-borne, traditional matt finish formulated for interior use on wood and metal surfaces. Based on an alkyd resin it provides excellent obliteration and flow characteristics and produces a smooth, even finish with excellent durability.

- Suitable for use on small interior areas
- Excellent durability
- Traditional matt finish
- Not suitable for large broad wall areas

Colour: Brilliant White

Ideal Usage:

Suitable for use on wood and metal surfaces.



Red Oxide Paint

Size: 2.5 Litre and 5 Litre

A solvent-borne, protective finish formulated for interior and exterior use on most metal and wood surfaces. Based on an alkyd resin, containing red oxide pigments, it provides long term protection and helps prevent rust.

- Excellent covering power
- Anti-corrosive properties
- For interior and exterior use

Colour: Red Oxide

Ideal Usage:

Structural steel and wooden surfaces.



Aluminium Paint

Size: 2.5 Litre and 5 Litre

A solvent-borne, protective metallic finish based on an oil varnish medium and aluminium flake, it will withstand high temperatures.

- Withstands temperatures up to 150°C
- Solar reflective properties
- Protective metallic finish

Colour: Silver

Ideal Usage:

Suitably prepared metal such as storage tanks, ducting and pipework.



Agricultural Oxide

Size: 5 Litre

A solvent-borne protective finish formulated for interior and exterior use. Provides a semi-gloss finish, combining excellent opacity and good weather resistance.

- Excellent covering power
- Good weather resistance
- Long term protection of metal

Colours: Red, Grey, Green

Ideal Usage:

Metal agricultural buildings and structural steel.



Specialist Coatings



Micaceous Iron Oxide

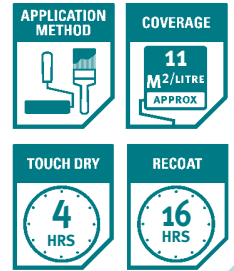
Size: 5 Litre

A high build, urethane modified alkyd pigmented with micaceous iron oxide to protect structural steel. Can be used as a build coat in a system or as a finish in its own right.

- Superb moisture barrier
- Supreme weatherability and UV resistance
- Anti-corrosive properties

Colours: Silver, Natural

Ideal Usage:
Structural steel.



Quick Dry Machinery Enamel

Size: 5 Litre

A tough, high gloss alkyd finish which provides a fast drying, durable coating which will resist mechanical damage.

- Tough, durable finish
- Fast drying
- Resistant to mechanical damage

Colours: Saxe Blue, Fiesta Red, Granite, Dark Green, Saffron Yellow, Silver, Black, White

Ideal Usage:
Direct to steel, plant and machinery.



Anti-Condensation Paint

Size: 5 Litre

A water based emulsion paint which provides a thick, matt coating for use on interior surfaces.

- Significantly reduces condensation
- Absorbs moisture and releases it slowly back into the air
- Interior use only

Colour: Brilliant White

Ideal Usage:
Internal areas where condensation is a problem.



Damp Proof Paint

Size: 5 Litre

A Pliolite® resin based, matt finish, solvent-based paint which incorporates a water reactive agent which acts as a barrier to moisture ingress.

- Incorporates a water-reactive agent
- Blocks moisture ingress
- Provides powerful anti-mould performance

Colour: White

Ideal Usage:
Over damp interior walls where water ingress is a problem.



Specialist Coatings



Heavy Duty Glaze

Size: 5 Litre

A tough, durable coating for added protection in high traffic, broad wall areas.

- Tough durable coating
- Protective finish for broad wall areas
- Suitable for high traffic areas

Colour: Clear

Ideal Usage:

For application over most interior decorative coatings where a protective finish is required.



Solar Reflective Paint

Size: 5 Litre

A full-bodied, bituminous aluminium coating suitable for the protection of properly prepared steel, asphalt and bituminous substrates.

- Solar reflective, reduces heat build up
- One coat application
- Added protection to a variety of substrates

Colour: Silver

Ideal Usage:

Roofs exposed to direct sunlight



Essentials required by Johnstone's Specialist Coatings

TC1 Thinner & Cleaner

- Quick Dry Machinery Enamel

TC2 Thinner & Cleaner

- Red Oxide Paint
- Flat Oil Paint
- Black Bitumen
- Micaceous Iron Oxide
- Agricultural Oxide
- Matt Blackboard Paint
- Damp Proof Paint
- Aluminium Paint
- Solar Reflective Paint

Specialist Primers



Case Study

Customer: Jaguar Factory, Halewood

Contractor: E O'Neill

Task: Refurbishment of the "Trim & Final" area of the plant.

- Various products from the Johnstone's range of products were used on this contract with Quick Dry High Build Zinc Phosphate Primer being chosen for the galvanised surfaces.
- Up to 30 operatives were involved, with as many as 20 men working at the site at any one time, doing 24 hour shifts.
- The "Trim & Final" area is the part of the factory where the finishing touches are added to Jaguar's latest model - the "X-Type".
- The work area, approximately 100,000sq metres in size, had to be cocooned so that machinery and stock would not be contaminated with overspray.

Specialist Primers

Product Selector	Quick Dry Primer Sealer	Aluminium Wood Primer	Acrylic Wall Primer Sealer	Water Based Metal Primer	MDF Primer	Q.D. Zinc Phosphate Primer	High Build Zinc Rich Primer	Multi-Surface Primer	2 Pack Adhesion Promoting Primer
Bleed Through Problems	●	●	●						●
New Barrier Joinery		●			●			●	
Scorched Timber		●							
Masonry	●		●					●	
Plaster	●		●					●	
Cement/Concrete			●						●
Stone			●						
Ferrous Metals				●		●	●		●
Non-Ferrous Metals				●		●	●		●
MDF					●				
Galvanised Steel				●			●	●	
Glazed Tiles								●	●
Melamine								●	●
Barrier Coat	●	●	●						●
Thinner/Cleaner	Methylated Spirit	TC2	Water	Water	Water	TC2	TC4	Water	Water



Quick Dry Primer Sealer

Size: 2.5 Litre

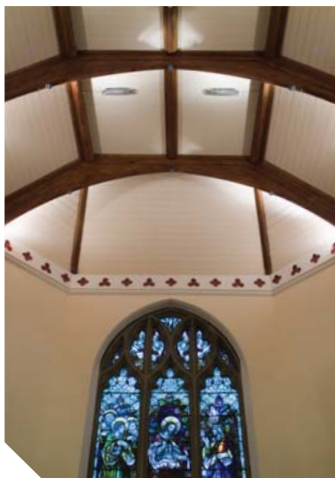
Ideal Usage:

Timber, wood composites, plaster, cement, brickwork. Also seals tar, bitumen and creosoted areas.

A white primer and sealer for use on tar, bitumen and creosoted surfaces preventing bleed through.

- Seals most problematic surfaces
- Prevents bleeding or staining
- Touch dry in 10 minutes

Colour: Brilliant White



Aluminium Wood Primer

Size: 1 Litre, 2.5 Litre and 5 Litre

Ideal Usage:

Timber, resinous timber, scorched timber and smoke damaged timber. Product is self-knotting.

A solvent-borne blend of fine grade aluminium and high quality resin. Provides a barrier against the oily exudations of naturally resinous and scorched timber.

- Can be used as a sealer on smoke damaged surfaces
- Suitable for use on resinous timber
- Easily overcoated

Colour: Grey



Specialist Primers



Acrylic Wall Primer Sealer

Size: 5 Litre

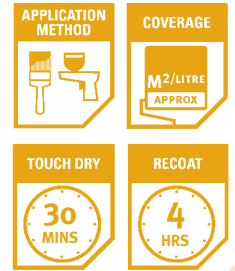
A high quality, quick drying, alkali-resisting primer sealer manufactured from high quality pigments and tough acrylic resin.

- Excellent sealing properties
- Low odour
- Excellent alkali resistance

Colour: Brilliant White

Ideal Usage:

Plaster, plasterboard, cement render, timber, bare masonry, interior stone, fibre cement boards.



Water Based Metal Primer

Size: 2.5 Litre

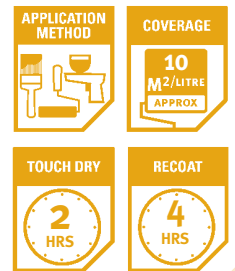
A top quality, water-borne metal primer manufactured from high quality pigments and a special acrylic resin.

- Excellent anti-corrosive properties
- Excellent adhesion to ferrous metal
- Low odour and quick drying

Colour: Grey

Ideal Usage:

Ferrous and non-ferrous metals such as aluminium, steel, iron and galvanised steel.



MDF Primer

Size: 1 Litre, 2.5 Litre and 5 Litre

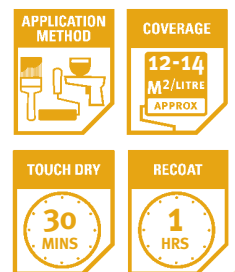
A water-borne primer and undercoat formulated for use on medium density fibreboards, and other wood composites.

- Low odour and quick drying
- Excellent adhesion
- Seals routed MDF effectively

Colour: Brilliant White

Ideal Usage:

MDF, chipboard, blockboard, smooth planed timber and other wood composites.



Quick Dry Zinc Phosphate Primer

Red Oxide & Grey: 2.5 and 5 Litre, White: 5 Litre

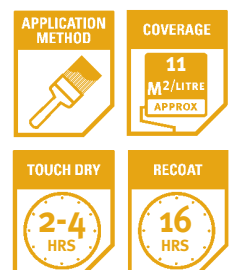
A single pack primer for use under a wide variety of conventional finishes. Excellent adhesion to suitably prepared steel and aluminium.

- Excellent anti-corrosive properties
- Good adhesion to pre-treated steel and aluminium
- Suitable for pre-treated galvanised steel

Colours: Red Oxide, Grey, White

Ideal Usage:

Ferrous metal and suitably prepared non-ferrous substrates.



Specialist Primers



High Build Zinc Rich Primer

Size: 1 Litre, 2.5 Litre and 5 Litre

A single pack, rust inhibiting primer for iron and steel also suitable as a finish coat in its own right.

- Prevents spread of corrosion beneath paint film
- Rust inhibiting primer
- Suitable as a primer and a finish coat in its own right

Colour: Grey

Ideal Usage:

Iron, steel, galvanised steel and non-ferrous metal.



Multi-Surface Primer

Size: 1 Litre and 2.5 Litre

A quick drying primer with excellent adhesion properties, making it ideal for use on non-porous surfaces.

- Excellent adhesion to non-porous surfaces such as glazed tiles
- Low odour and quick drying
- Excellent durability

Colour: Brilliant White

Ideal Usage:

Melamine, powder coat, glazed tiles, matt tiles, quarry tiles, glass, suitably prepared ferrous and non-ferrous metals.



2 Pack Adhesion Promoting Primer

Size: 2.5 Litre (2 Litre Base + 500ml Activator)

A two pack, water based curing system which promotes adhesion on difficult substrates.

- Superior adhesion and 'bleed' resistance
- Two pack water-based curing system
- Suitable for use as a barrier coat

Colour: White

Ideal Usage:

Glazed, matt and quarry tiles, metals, cement render, brick and tarmac.



Essentials required by Johnstone's Specialist Primers

TC2 Thinner & Cleaner

- Aluminium Wood Primer
- Quick Drying Zinc Phosphate Primer

TC4 Thinner & Cleaner

- High Build Zinc Rich Primer





Flame Retardants

The Benefits of Johnstone's Flame Retardant Coatings

- Wide, fully tested colour range offered
- Minimal number of products offered, designed to give maximum efficiency
- Conventional application methods
- Tested on a wide range of substrates
- Protection – limits the spread and growth of a fire offering extended escape times

Why use Flame Retardant Coatings?

Building owners and also those responsible for the maintenance of buildings have a duty of care to all those who occupy or use the building, in particular to the means of escape such as stairways and corridors.

When the building was new these areas would have met the requirements of the Building Regulations and would have been designated Class 'O'.

However, following years of re-decoration work in these communal areas and escape routes, the build up of paint layers may considerably reduce this classification and should a fire occur it is possible that the paint coatings would allow

rapid spread of flames across their surface, drastically reducing escape times.

Should a fire occur Flame Retardant Coatings would act to delay the spread of flame thus providing extra vital time in the early stages when the fire can be extinguished or escape made.

When used in combination with smoke detectors and fire alarms a range of independently tested decorative coatings and Intumescent can restrict flame spread providing that all important additional time for evacuation of the buildings prior to the arrival of the fire services.



How the Products Work

Normal paint allows heat to pass through its surface directly into the substrate beneath. The substrate will heat up very quickly and a fire generally follows soon after.

Flame Retardant Coatings will maintain the fire rating of the substrate to which they are applied. These work by releasing a non-combustible gas which serves to dilute the oxygen supply to the fire, thereby reducing its growth providing that vital extra time for evacuation.

Intumescent coatings, when subjected to heat, swell to create an insulating barrier between the substrate and the heat source, thereby reducing the heat rise in the substrate beneath.

Flame Retardants



Intumescent Basecoat

Size: 5 Litre

- Water Based Intumescent Emulsion virtually no odour
- Fully tested to **BS 476 parts 6 and 7**
Part 6 – Fire propagation
Part 7 – Surface spread of flame
- Achieves Class 1 and 0 as defined by the Building Regulations, Approved Document B on Plywood and Softwood when used as part of a system.

Colour: White



Flame Retardant Undercoat

Size: 2.5 Litre

- Fully Tested to **BS 476 parts 6 and 7**
Part 6 – Fire propagation
Part 7 – Surface spread of flame
- Achieves Class 1 and 0 as defined by the Building Regulations, Approved Document B over softwood.
- Easy to apply formulation

Colour: White



Flame Retardant Acrylic Eggshell

Size: 5 Litre

- Fully Tested to **BS 476 parts 6 and 7**
Part 6 – Fire propagation
Part 7 – Surface spread of flame
- Achieves Class 1 and 0 as defined by the Building Regulations, Approved Document B for non-combustible substrates such as plasterboard, cementitious board, plaster work and areas coated in Intumescent Basecoat.
- Excellent opacity, covering power and washability

Colours: Available in an extensive range of colours, matched on our in-house tinting system



Flame Retardant Vinyl Matt

Size: 5 Litre

- Fully Tested to **BS 476 parts 6 and 7**
Part 6 – Fire propagation
Part 7 – Surface spread of flame
- Achieves Class 1 and 0 as defined by the Building Regulations, Approved Document B for non-combustible substrates such as plasterboard, cementitious board and plaster work.
- Excellent opacity, coverage and colour retention

Colours: Available in an extensive range of colours, matched on our in-house tinting system



Flame Retardants

Flame Retardant Gloss

Size: 2.5 Litre

- Fully Tested to **BS 476 parts 6 and 7**
 - Part 6** – Fire propagation
 - Part 7** – Surface spread of flame
 - Achieves Class 1 and 0 as defined by the Building Regulations, Approved Document B over softwood.
 - Easy to apply gloss finish
- Colour: White



Intumescent Acrylic Sealant

Size: 310ml cartridge

- Tested to and achieved BS476 Part 20 with a 4 hour fire rating.
- Halogen free, polymer emulsion based sealant that swells when subjected to temperatures in excess of 125°C to form a char coat that restricts the passage of smoke and fire.
- Dries to a flexible, smooth, overpaintable surface.

Coverage: One tube of Intumescent Acrylic Sealant is sufficient to produce approx. 1 metre using a 20mm x 15mm bead.

Colour: White



Flame Retardants

BS 476 part 7	BS 476 part 6	Substrate	System	Finish	Class 'O'
215463	215464	Non-combustible Substrate (Supalux)	1 mist coat Johnstone's Flame Retardant Vinyl Matt, White/Pastel base + 2 coats Johnstone's Flame Retardant Vinyl Matt, White/Pastel Base	Vinyl Matt	0
215465	215466	Non-combustible Substrate (Supalux)	1 mist coat Johnstone's Flame Retardant Vinyl Matt, Ultra Deep Base + 10% colorant by volume + 2 coats Johnstone's Flame Retardant Vinyl Matt, Ultra Deep Base + 10% colorant by volume	Vinyl Matt	0
215467	215468	Non-combustible Substrate (Supalux)	1 mist coat Johnstone's Flame Retardant Acrylic Eggshell, White/Pastel Base + 10% colorant by volume + 2 coats Johnstone's Flame Retardant Acrylic Eggshell, White/Pastel Base	Acrylic Eggshell	0
215469	215470	Non-combustible Substrate (Supalux)	1 mist coat Johnstone's Flame Retardant Acrylic Eggshell, Ultra Deep Base + 10% colorant by volume + 2 coats Johnstone's Flame Retardant Acrylic Eggshell, Ultra Deep Base + 10% colorant by volume	Acrylic Eggshell	0
215471	215472	Plywood	2 coats Johnstone's Flame Retardant Intumescent Basecoat + 2 coats Johnstone's Flame Retardant Vinyl Matt, White/Pastel Base	Vinyl Matt	0
215473	215474	Plywood	2 coats Johnstone's Flame Retardant Intumescent Basecoat + 2 coats Johnstone's Flame Retardant Vinyl Matt, Ultra Deep Base + 10% colorant by volume	Vinyl Matt	0
215479	216013	Softwood	2 coats Johnstone's Flame Retardant Intumescent Basecoat + 1 coat Johnstone's Flame Retardant Undercoat, White + 1 coat Johnstone's Flame Retardant Gloss, White	Gloss	0
215481	215482	Non-combustible Substrate (Supalux) coated with 1 mist coat and 10 neat coats of conventional emulsion	2 coats Johnstone's Flame Retardant Vinyl Matt, White/Pastel Base	Vinyl Matt	0
215483	215484	Non-combustible Substrate (Supalux) coated with 1 mist coat and 10 neat coats of conventional emulsion	2 coats Johnstone's Flame Retardant Vinyl Matt, Ultra Deep Base + 10% colorant by volume	Vinyl Matt	0
216014	215486	Non-combustible Substrate (Supalux) coated with 1 coat of Alkali Resistant Primer and 10 coats of conventional eggshell	2 coats Johnstone's Flame Retardant Acrylic Eggshell, White/Pastel Base	Acrylic Eggshell	0
216015	215488	Non-combustible Substrate (Supalux) coated with 1 coat of Alkali Resistant Primer and 10 coats of conventional eggshell	2 coats Johnstone's Flame Retardant Acrylic Eggshell, Ultra Deep Base + 10% colorant by volume	Acrylic Eggshell	0



Support services

At Johnstone's we recognise the requirements of our customers in such a demanding market. To this end we offer a comprehensive technical support service covering:

- Product information
 - Advice on surface preparation
 - Specification
 - Colour advisory service. Our colour consultants are experts in the selection and recommendation of the use of colour, in any environment. Listening to customers' needs, they can produce a detailed colour scheme reflecting the desired effect.
 - Colour matching service. We offer a unique colour matching service to all our customers. The service is fast, accurate and free of charge. Our technologists will ensure you get a perfect match to samples of paint, fabric, wallpaper and even tiles.
- Telephone 01924 354321.

Building Regulations: Surface Classification Requirements

Residential	Rooms Larger than 4m ²	Circulation Area
Dwelling House (1 or 2 storey)	Class 1	Class 1
Flats	Class 1	Class 0
Institutional	Class 1	Class 0
Other Residential	Class 1	Class 0

Non-Residential	Rooms Larger than 30m ²	Circulation Area
Assembly	Class 1	Class 0
Offices	Class 1	Class 0
Shops	Class 1	Class 0
Other Non-Residential	Class 1	Class 0

Legislation

The Building Regulations apply to almost all of the building work carried out in the UK and are made principally to ensure the health and safety of people in and around buildings.

Approved Document B of the Building Regulations concentrates on the fire safety aspects of the completed building.

In simple terms approved Document B lays down the criteria for the various fire resistant elements of construction and also the Approved test methods which satisfy the various provisions.

There is nothing set down in requirements of the Approved Document B which relates directly to paint. However, they do relate to areas which are usually treated with decorative materials, the internal linings (ceilings and walls). Here the requirements of the Regulations are specific about internal fire spread on linings, they state;

To inhibit the spread of fire within the building the internal linings shall:

- (a) Adequately resist the spread of flame over their surfaces, and
- (b) Have, if ignited, a rate of release which is reasonable within the circumstances.

The main classifications used for testing the compliance of materials with the requirements of the Regulations are BS 476, parts 6 and 7.

BS 476 part 6 is a method of test for fire propagation of products. The test produces results which provide a fire propagation index which, in turn gives a measure of the contribution to the growth of a fire made by the material being tested.

BS 476 part 7 is a method of test to determine the classification of the surface spread of flame of products. There are four classifications of the spread of flame. Class 1, this is the lowest and best, Class 2, 3 and 4.

Under test conditions samples are exposed to immense heat and a naked flame is introduced for a period of 90 seconds. The spread of flame is measured and classified in accordance with a set table of measurement.

Class 'O' defined

There is no specific reference to Class 'O' in any British Standard or test criteria.

Class 'O' is referred to in the Building Regulations Approved Document B and defined as follows.

The highest national product performance classification for lining materials is Class 'O'. This is achieved if a material or the surface of a composite product is either:

- (a) Composed throughout of materials of limited combustibility; or
- (b) A Class 1 material which has a fire propagation index of not more than 12 and a sub index of not more than 6.

If, when tested, materials achieve the above, they are designated Class 'O'.

Each Johnstone's Performance Coatings Flame Retardant product has been tested over various substrates, (see table) and fully met the requirements of BS 476 parts 6 and 7 and are therefore designated Class O.

JOHNSTONE'S

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technical advice **01924 354100**



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