

JOHNSTONE'S

Decorator's handbook

Advanced Technology Range



Trade Professional Range

Stormshield Exterior Coatings

STORMSHIELD

USEFUL INFORMATION

Whether you're planning to transform the interior or exterior of a domestic or commercial premises you are sure to find what you are looking for from our comprehensive range of products and colours.

This decorator's handbook is a quick reference guide to the Johnstone's Trade Paints Range. Additional product and technical information is available from your local Johnstone's Leyland Decorating Centre, selected decorating merchants or via the website www.johnstones-paints.co.uk

Johnstone's offer a bespoke support service that can assist you in all decorative related issues and queries, including:

In store tinting

Johnstone's Tinting Systems offer a unique colour matching service. Our colour technologists will ensure a great match to samples of paint, fabric, wallpaper or even tiles, offering over 15,500 colours for you to choose from.

For extra help in creating your colour scheme visit www.johnstones-paints.co.uk where you have the opportunity to colour your own rooms or buildings, using Johnstone's Virtual Painter.

Tester pots

Johnstone's give you the opportunity to visualise a colour in situ and gauge how it changes in certain lights and at different times of the day. 250ml tester pots are available in store.

Technical advisory

For advice on products, written specifications, site inspections, sample analysis, on site training or contractor nomination, call Technical Advisory on 01924 354100.

Colour consultancy

For advice on creating a colour scheme, be it commercial or domestic premises, call Colour Advisory on 01924 354103.

Water based paints

For health and safety reasons, where possible, water based paints should be selected in preference to solvent based paints, particularly for any large interior surface such as walls, ceilings or floors.



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



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



CONTENTS

ADVANCED TECHNOLOGY RANGE

AQUA Water Based Gloss	1.1	Acrylic Durable Matt	1.3
AQUA Water Based Undercoat	1.1	Acrylic Satin	1.3
Ultra High Opacity Matt	1.2	Acrylic Eggshell	1.4
Ultra New Work Gloss	1.2	Acrylic Gloss	1.4

TRADE PROFESSIONAL RANGE

EMULSIONS		Satin Finish	2.5
Covaplus Vinyl Matt	2.1	Eggshell	2.5
Vinyl Silk	2.1	PRIMERS	
Vinyl Soft Sheen	2.2	Joncryl Water Based	
Jonmat Premium Contract Matt	2.2	Primer Undercoat	2.6
Emulsion Glaze	2.3	Wood Primer	2.6
TRIM		Universal Primer	2.7
Professional Gloss	2.3	Alkali Resisting Primer	2.7
Professional Undercoat	2.4		
Non-Drip Gloss	2.4		

STORMSHIELD

Stormshield Smooth Masonry	3.1
Stormshield Textured Masonry	3.1
Stormshield Jontex High Build Textured Masonry	3.2
Stormshield Pliolite® Based Masonry Finish	3.2
Stormshield Quick Dry Stabilising Solution	3.3
Stormshield Stabilising Solution	3.3
Stormshield Flexible Gloss	3.4
Stormshield Flexible Primer Undercoat	3.4
Stormshield Water Seal	3.5

GENERAL INFORMATION

Defects and Solutions	4.1
Surface Preparation and Priming:	4.2
Wood	4.3
Plaster and Masonry	4.5
Building Boards	4.6
Metal	4.7
Difficult and Unsound Surfaces	4.9
Spray Equipment Recommendations	4.10
Health and Safety Advice	4.11

AQUA WATER BASED GLOSS



Product suitability	A water based gloss specially formulated to give the application characteristics of a traditional gloss with the added advantage of being quick drying and low odour. Ideal for use on interior and exterior wood and metal. For best results use a good quality synthetic brush.
Key benefits	<ul style="list-style-type: none"> • Quick drying for a fast turnaround job • Medium solvent and odour, use where minimal disruption is required • High gloss finish, superb appearance • Can be used on metal surfaces
Substrate	Wood and metal.
Colour range	Over 15,500 colours are available via the Johnstone's Tinting System.
Pack Size	1 litre, 2.5 litre and 5 litre.

AQUA WATER BASED UNDERCOAT



Product suitability	A water based primer undercoat specially formulated to give the application characteristics traditional undercoat. Ideal for use on interior and exterior wood and metal. Johnstone's AQUA undercoat should be used in conjunction with Johnstone's AQUA Gloss to give the best possible finish.
Key benefits	<ul style="list-style-type: none"> • Quick drying for a fast turnaround job • Low solvent and odour, use where minimal disruption is required • Application characteristics of traditional undercoat • Can be used on metal surfaces
Substrate	Wood and metal.
Colour range	Brilliant White, Magnolia, Light Grey & Dark Grey.
Pack Size	1 litre, 2.5 litre and 5 litre.

ULTRA HIGH OPACITY MATT



Product suitability	A high opacity matt emulsion formulated to cover most interior walls and ceilings in just one coat.
Key benefits	<ul style="list-style-type: none"> • High opacity - designed to achieve the appearance of a two-coat application in just one coat • Minimum application time • Ease of Application
Substrate	Most interior wall coverings, plaster and masonry.
Colour range	Over 6,700 pastel colours available via the Johnstone's Tinting System.
Pack Size	5 litre.

ULTRA NEW WORK GLOSS



Product suitability	An alkyd based gloss developed for use on interior and exterior wood and metal surfaces. It is formulated to provide excellent opacity, film build and drip resistance which makes it ideal for new work projects.
Key benefits	<ul style="list-style-type: none"> • An alkyd based gloss developed for interior and exterior use on wood and metal surfaces • Excellent opacity, film build and drip resistance • Ideal for new work projects
Substrate	Wood and metal.
Colour range	Brilliant White.
Pack Size	1 litre, 2.5 litre and 5 litre.

ACRYLIC DURABLE MATT



Product suitability	A matt emulsion formulated for interior use on walls and ceilings, also on suitably primed woodwork and radiators. Low odour, washable and wipeable. Resists condensation, yellowing and most household stains. Ideal for use in kitchens, bathrooms, hotels, hospitals and public buildings.
Key benefits	<ul style="list-style-type: none"> • Tough, durable, washable • Resists stains, moisture and yellowing • Ideal for high wear and traffic areas • Retains a true matt finish • Multi surface
Substrate	Most interior wall coverings, plaster and masonry.
Colour range	Over 15,500 colours are available via the Johnstone's Tinting System.
Pack Size	2.5 litre and 5 litre.

ACRYLIC SATIN



Product suitability	A premium quality satin sheen finish suitable for use on wood and suitably primed metal surfaces. It provides a low odour, high opacity finish that is quick drying and non yellowing.
Key benefits	<ul style="list-style-type: none"> • Non yellowing • High opacity • Quick drying • Low odour satin finish
Substrate	Wood and metal.
Colour range	Over 15,500 colours are available via the Johnstone's Tinting System.
Pack Size	1 litre, 2.5 litre and 5 litre.

ACRYLIC EGGSHELL



Product suitability	A mid sheen finish for use on interior walls and ceilings, wood and metal work. It is resistant to condensation & yellowing making it ideal for use in kitchens and bathrooms, hospitals and public buildings.
Key benefits	<ul style="list-style-type: none"> • A quick drying, low odour, mid sheen finish for interior use • Produces a smooth, washable surface that is resistant to condensation • Tough, durable and non-yellowing
Substrate	Wood, metal and plaster.
Colour range	Over 15,500 colours are available via the Johnstone's Tinting System.
Pack Size	2.5 litre and 5 litre.

ACRYLIC GLOSS



Product suitability	A water based gloss formulated for use on interior and exterior wood and suitably primed metal surfaces. It provides a low odour high opacity finish this is quick drying and non yellowing.
Key benefits	<ul style="list-style-type: none"> • A quick drying, low odour, water-borne gloss finish for interior and exterior use • High opacity pigments provide excellent covering power • Hard wearing, non-yellowing and washable
Substrate	Wood and metal.
Colour range	Over 10,200 colours are available via the Designer Tinting System.
Pack Size	2.5 litre.

COVAPLUS VINYL MATT



Product suitability	A Vinyl Matt emulsion formulated for interior use on walls & ceilings. It provides a durable finish that is resistant to fading and yellowing.
Key benefits	<ul style="list-style-type: none"> • An attractive vinyl matt finish providing interior decoration and protection • Produces a wipeable finish • Excellent opacity and colour retention
Substrate	Most internal wall coverings, plaster and masonry.
Colour range	Over 15,500 colours are available via the Johnstone's Tinting System.
Pack Size	1 litre, 2.5 litre, 5 litre and 10 litre.

VINYL SILK



Product suitability	A Vinyl Silk emulsion formulated for use on interior walls and ceilings. It provides a durable sheen finish that is easy to clean and resistant to fading and yellowing.
Key benefits	<ul style="list-style-type: none"> • A high quality vinyl silk finish for interior walls and ceilings • Produces a washable surface • Especially suitable for embossed wallcoverings and areas where easy maintenance is required
Substrate	Most internal wall coverings, plaster and masonry.
Colour range	Over 15,500 colours are available via the Johnstone's Tinting System.
Pack Size	1 litre, 2.5 litre, 5 litre and 10 litre.

VINYL SOFT SHEEN



Product suitability	A Vinyl Mid Sheen emulsion formulated for interior use on walls and ceilings. A durable finish that will withstand normal levels of humidity and can be wiped clean.
Key benefits	<ul style="list-style-type: none"> • A subtle vinyl mid sheen finish alternative to vinyl matt and vinyl silk • Suitable for use on interior walls and ceilings • Easy to apply, washable and dirt resistant
Substrate	Most internal wall coverings, plaster and masonry.
Colour range	Over 15,500 colours are available via the Johnstone's Tinting System.
Pack Size	2.5 litre, 5 litre and 10 litre.

JONMAT PREMIUM CONTRACT MATT



Product suitability	A premium quality matt emulsion formulated for use on interior walls and ceilings. It provides an obliterating permeable finish that is ideal for new plaster.
Key benefits	<ul style="list-style-type: none"> • An obliterating matt emulsion for interior use • Specially formulated for use on new plaster allowing the substrate to breathe • Combines quality and economy
Substrate	New plaster, most internal wall coverings and masonry.
Colour range	Over 6,500 colours are available via the Johnstone's Tinting System.
Pack Size	5 litre, 10 litre and 15 litre.

EMULSION GLAZE



Product suitability	A water-borne, vinyl resin based coating formulated for interior use. It is suitable for application over emulsion paint, flat paint, wallpaper (not blown vinyl) and natural wood surfaces to either seal the surface or increase the sheen level. Dries to a washable mid sheen finish.
Key benefits	<ul style="list-style-type: none"> • A water-borne, vinyl resin based coating for interior use • Can be applied over emulsion paint and wallpaper to seal the surface or increase the sheen level • Dries to a washable mid sheen finish
Substrate	Previously matt painted surfaces and wood.
Colour range	Clear.
Pack Size	2.5 litre.

PROFESSIONAL GLOSS



Product suitability	An alkyd based gloss formulated for use on interior and exterior wood and metal surfaces. It provides a durable, high gloss finish with excellent opacity. Restrict interior use to small surface such as doors, window frames and skirting boards. Not recommended for interior use on large surface areas - walls, floors or ceilings - or in confined spaces.
Key benefits	<ul style="list-style-type: none"> • A high quality gloss finish for interior and exterior use • Based on a high quality durable alkyd resin • Excellent opacity
Substrate	Wood and metal.
Colour range	Over 15,500 colours are available via the Johnstones Tinting System.
Pack Size	0.5 litre, 1 litre, 2.5 litre and 5 litre.

PROFESSIONAL UNDERCOAT



Product suitability	An alkyd based undercoat formulated for use on interior and exterior wood and metal surfaces. It provides the perfect surface for over coating with Johnstone's Professional Gloss. Restrict interior use to small surface such as doors, window frames and skirting boards. Not recommended for interior use on large surface areas - walls, floors or ceilings - or in confined spaces.
Key benefits	<ul style="list-style-type: none"> • An alkyd resin based undercoat for interior and exterior use • Excellent opacity and obliteration qualities • Produces the perfect surface for overcoating with Johnstone's Professional Gloss
Substrate	Wood and metal.
Colour range	Brilliant White, Brown, Charcoal plus New Range of colours via the Johnstone's system.
Pack Size	0.5 litre, 1 litre, 2.5 litre and 5 litre.

NON-DRIP GLOSS



Product suitability	A premium quality, polyurethane gloss finish that requires no undercoat. Formulated for interior and exterior use on wood and metal, it provides a durable, high gloss finish. Restrict interior use to small surface such as doors, window frames and skirting boards. Not recommended for use on large surface areas - walls, floors or ceilings - or in confined spaces.
Key benefits	<ul style="list-style-type: none"> • Drip resistant • Self-undercoating • A durable high gloss finish • For use on interior and exterior wood and metal
Substrate	Wood and metal.
Colour range	Brilliant White and Black.
Pack Size	1 litre and 2.5 litre.

SATIN FINISH



Product suitability	A solvent borne mid sheen finish formulated for interior use on wood and metal. A hardwearing, washable coating. Restrict interior use to small surface such as doors, window frames and skirting boards. Not recommended for interior use on large surface areas - walls, floors or ceilings - or in confined spaces.
Key benefits	<ul style="list-style-type: none"> • A hard wearing solvent-borne mid sheen finish • Washable and resistant to condensation • For interior use on wood and metal
Substrate	Wood and metal.
Colour range	Brilliant White.
Pack Size	1 litre and 2.5 litre.

EGGSHELL



Product suitability	An alkyd based mid sheen finish formulated for interior use on wood and metal. It provides a durable washable surface. Restrict interior use to small surface such as doors, window frames and skirting boards. Not recommended for interior use on large surface areas - walls, floors or ceilings - or in confined spaces.
Key benefits	<ul style="list-style-type: none"> • A solvent-borne mid sheen finish for interior use on wood, plaster and metal • Resistant to condensation • Produces a smooth, washable, hard wearing finish
Substrate	Wood and metal.
Colour range	Over 15,500 colours are available via the Johnstones Tinting System.
Pack Size	0.5 litre, 1 litre, 2.5 litre and 5 litre.

JONCRYL WATER BASED PRIMER UNDERCOAT



Product suitability	A combined primer undercoat ideal for interior and exterior use on new or bare wood, plaster, hardboard, cement and brickwork. A water based quick drying, high opacity alternative to solvent based primer undercoat.
Key benefits	<ul style="list-style-type: none"> • A water-borne combined primer and undercoat based on a high quality acrylic resin • Suitable for interior and exterior use on wood, plaster and masonry • Quick drying, low odour application
Substrate	Wood, plaster, concrete, cement rendering and brickwork.
Colour range	Brilliant White.
Pack Size	1 litre, 2.5 litre and 5 litre.

WOOD PRIMER



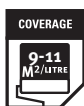
Product suitability	An alkyd based primer for interior and exterior use on new or bare softwood and non oily hardwood joinery. It provides an ideal surface for over coating with Johnstone's Professional Undercoat. Restrict interior use to small surface such as doors, window frames and skirting boards. Not recommended for interior use on large surface areas - walls, floors or ceilings - or in confined spaces.
Key benefits	<ul style="list-style-type: none"> • An alkyd based primer for new and bare timber • Suitable for interior and exterior use • Provides an ideal surface for undercoat
Substrate	Softwood and non-oily hardwood.
Colour range	White.
Pack Size	1 litre, 2.5 litre and 5 litre.

UNIVERSAL PRIMER



Product suitability	A solvent based primer for interior and exterior use on new or bare wood, metal, plaster and masonry. Based on an anti corrosive zinc phosphate pigment and alkyd resin. Restrict interior use to small surfaces such as doors, window frames and skirting boards. Not recommended for use on large surface areas - walls, floors or ceilings - or in confined spaces.
Key benefits	<ul style="list-style-type: none"> • Contains a zinc phosphate, anti corrosive pigment • Suitable for use on wood, metal and dry plaster • Especially suitable for multi-surface work
Substrate	Wood, metal, plaster and masonry.
Colour range	White and Red Oxide.
Pack Size	1 litre, 2.5 litre and 5 litre.

ALKALI RESISTING PRIMER



Product suitability	A solvent based primer and sealer for interior and exterior use on new or bare plaster, concrete, cement and rendered surfaces. Used as a primer on unpainted surfaces and as a sealer on powdery substrates it provides exceptional resistance to alkali attack.
Key benefits	<ul style="list-style-type: none"> • Binds powdery surfaces and resists alkali attack • An ideal primer for unpainted plaster and rendered surfaces • Suitable for interior and exterior use
Substrate	Plaster, concrete, cement rendering, brick, stone and blockwork.
Colour range	White.
Pack Size	2.5 litre and 5 litre.

SMOOTH MASONRY



Product suitability	A smooth masonry finish with over fifteen years life expectancy. Resistant to dirt accumulation and offers excellent weather resistance and anti-carbonation properties. Suitable for use on cement rendering, rough cast, brick and concrete.
Key benefits	<ul style="list-style-type: none"> • Over 15 years life expectancy • A high quality, water-borne, acrylic resin based finish with excellent colour retention and anti-carbonation properties • Provides a durable smooth finish to exterior substrates
Substrate	Most external masonry.
Colour range	Over 15,000 colours are available via the Johnstone's Tinting System.
Pack Size	2.5 litre, 5 litre and 10 litre.

TEXTURED MASONRY



Product suitability	A fine textured masonry finish with over fifteen years life expectancy. Helps disguise uneven surfaces and bridges hair line cracks. Suitable for use on cement rendering, rough cast, brick and concrete.
Key benefits	<ul style="list-style-type: none"> • Over 15 years life expectancy • A high quality water-borne acrylic resin based textured finish • Masks surface imperfections on exterior surfaces • Excellent colour retention
Substrate	Most external masonry.
Colour range	Over 6,700 colours are available via the Johnstone's Tinting System.
Pack Size	5 litre.

JONTEX HIGH BUILD TEXTURED MASONRY



Product suitability	A high build heavily textured one coat finish with a BBA ten year life expectancy. Suitable for use on cement rendering, rough cast, brick, concrete, cement sheeting and suitable primed plywood panels. Covers small cracks and suitable for use on heavily weathered masonry surfaces.
Key benefits	<ul style="list-style-type: none"> • Over 10 years life expectancy • A high quality, ready-mixed, water-borne protective finish for exterior use • Offers long term protection to badly weathered masonry and other surfaces • Heavy duty protection in one coat
Substrate	Most external masonry.
Colour range	Brilliant White, County Cream & Magnolia.
Pack Size	10 litre.

PLIOLITE® BASED MASONRY FINISH



Product suitability	A self stabilising smooth matt finish with a BBA fifteen year life expectancy. Suitable for use on cement rendering, rough cast, brick & concrete. Waterproof in 20 minutes & suitable for application at temperatures down to -5°C allowing all year decoration.
Key benefits	<ul style="list-style-type: none"> • Over 15 years life expectancy • A solvent-borne smooth matt coating for exterior walls • Excellent adhesion to previously painted surfaces • Showerproof in 20 minutes allowing all year round application <p>* Pliolite® is a registered trademark of Elikem.</p>
Substrate	Most external masonry.
Colour range	Over 6,700 colours are available via the Johnstone's Tinting System.
Pack Size	5 litre.

QUICK DRYING STABILISING SOLUTION



Product suitability	A penetrating solution for use on highly porous or friable surfaces. Used to prepare the substrate for further decoration with water-borne products. The quick drying formula allows further decoration on the same day.
Key benefits	<ul style="list-style-type: none"> • Binds friable or chalking surfaces to produce a surface suitable for further decoration • Highly penetrative water-borne formulation • Quick drying, low odour and overcoatable in 2-4 hours • Can be used internally and externally
Substrate	Most internal and external masonry.
Colour range	Clear (once dry).
Pack Size	5 litre.

STABILISING SOLUTION



Product suitability	A penetrating solution for use on highly porous or friable surfaces. Used to prepare the substrate for further decoration with water borne products.
Key benefits	<ul style="list-style-type: none"> • Binds friable or chalking surfaces to produce a surface suitable for further decoration • Highly penetrative solvent-borne formulation • Designed for use under most masonry finishes
Substrate	Most external masonry.
Colour range	White and Clear.
Pack Size	5 litre.

FLEXIBLE GLOSS



Product suitability	A microporous gloss with a BBA 5 year life expectancy formulated to provide longer lasting protection for exterior woodwork. With excellent resistance to blistering, cracking and flaking. Designed specifically for use with Johnstone's Flexible Primer Undercoat.
Key benefits	<ul style="list-style-type: none"> • Over 6 years life expectancy • A flexible high gloss finish providing increased durability over conventional glosses • Microporous product giving resistance to blistering, cracking and flaking • Excellent opacity and colour retention
Substrate	Softwood, hardwood, plywood panels and metal.
Colour range	Over 15,500 colours are available via the Johnstone's Tinting System.
Pack Size	2-5 litre.

FLEXIBLE PRIMER UNDERCOAT



Product suitability	A microporous combined primer undercoat formulated to provide longer lasting protection for exterior woodwork. Retaining flexibility longer than traditional undercoats. Designed specifically for use with Johnstone's Flexible Gloss Undercoat.
Key benefits	<ul style="list-style-type: none"> • A dual purpose product – flexible primer and undercoat combined • Retains flexibility longer than traditional undercoats thereby increasing durability • Provides the perfect surface for overcoating with Johnstone's Stormshield Flexible Gloss
Substrate	Softwood, hardwood, plywood panels and metal.
Colour range	Over 15,500 colours are available via the Johnstone's Tinting System.
Pack Size	2.5 litre.

WATER SEAL

COVERAGE



APPLICATION METHOD



TOUCH DRY



RECOAT



VOC

VERY HIGH



Product suitability	A waterproofing sealer formulated for use on porous exterior walls. It provides a water repellent surface whilst allowing the substrate to breathe without changing the appearance of the substrate. Water seal will not remedy structural defects.
Key benefits	<ul style="list-style-type: none"> • For use on exterior porous walls • Provides a water repellent surface whilst allowing the substrate to breathe • Does not change the appearance of the substrate
Substrate	Concrete, cement rendering, brick, stone and blockwork.
Colour range	Clear.
Pack Size	5 litre.

DEFECTS AND SOLUTIONS

<p>Bittiness Small specks and blotches on what should be a good painted surface. Usually caused by dust, broken paint skins or dirty equipment.</p>	<p>Bittiness Take the utmost care during both preparation and application. Ensure surfaces are smooth. Strain the paint if necessary. Avoid dusty conditions and use clean equipment.</p>
<p>Bleeding Discolouration caused by the underlying colour seeping through the newly painted surface. Could be due to previous coatings such as dyes and creosote or perhaps nicotine stains.</p>	<p>Bleeding If possible, strip off the old paint. If this is impractical, seal the surface with Patent Knotting or Johnstone's Aluminium Wood Primer.</p>
<p>Blistering Results from poor adhesion of the paint to the surface. Normal causes are damp in timber or moisture in the atmosphere.</p>	<p>Blistering Ensure that the paint adheres effectively to the surface. Remove all defective paint. Let each coat fully harden before further application.</p>
<p>Brush Marks In heavy bodied paints it is difficult to avoid brush marks. Otherwise they are usually the result of poor application.</p>	<p>Brush marks Keep paint to a moderate consistency and brush out evenly. Cross brush and lay-off with very light strokes.</p>
<p>Cissing Occurs with poor adhesion when an old previously painted surface hasn't been rubbed down or is so hard that it is impervious to the new coat. Seen as small depressions or holes in the paint surface.</p>	<p>Cissing Try vigorous brushing. If this doesn't work, remove new paint and rub down. If the new surface has dried, rub down and re-finish.</p>
<p>Curtaining, Running or Sagging Usually due to over application or poor brushing.</p>	<p>Curtaining, Running or Sagging Brush out well, cross brushing and laying off evenly. If the defect has occurred in old work, rub down thoroughly before re-painting.</p>
<p>Discolouration May be caused by atmospheric pollutants.</p>	<p>Discolouration There is no effective treatment other than re-painting.</p>
<p>Efflorescence Seen as white furry crystalline deposits on new plaster and cement. Occurs as the surface dries out.</p>	<p>Efflorescence Do not seal. Use only an emulsion paint. Remove by dry brushing from time to time.</p>
<p>Fattening and Feeding Recognised as thickening of the paint, making it eventually unusable. Caused by inter-mixing of paints.</p>	<p>Fattening and Feeding Do not mix different brands of paint. Where thickening is slight the problem can be rectified by use of thinners.</p>
<p>Flaking Similar to blistering, flaking is caused by loss of adhesion.</p>	<p>Flaking Solvent-borne finishes: Remove all paint and start again. Water-borne finishes: Scrape off all loose paint and seal with a solvent-borne primer.</p>
<p>Flashing or Sheariness Glossy streaks or patchiness observed when viewing a surface from a shallow angle.</p>	<p>Flashing or Sheariness Avoid touching up after initial application.</p>
<p>Grinning Seen where previous coat or undercoat shows through finished film.</p>	<p>Grinning Use recommended undercoats. Avoid over brushing final coat.</p>
<p>Loss of Gloss Gloss finish goes flat soon after first application.</p>	<p>Loss of Gloss Allow the surface to harden. Rub down and re-paint.</p>
<p>Mould and Mildew Usually occurs under damp or humid conditions. Different locations produce different growths.</p>	<p>Mould and Mildew Ask your local Johnstone's outlet for advice on the particular location in which the problem is occurring.</p>
<p>Saponification Occurs when solvent-borne paints are affected by alkalis.</p>	<p>Saponification Prevent by using Johnstone's Alkali Resisting Primer. Where saponification has already occurred, strip, wash, allow to dry and re-paint.</p>
<p>Wrinkling Usually occurs with gloss finishes on exterior work where a rapid surface skin is formed. Wrinkling is most severe when very thick films are applied.</p>	<p>Wrinkling If the paint is sufficiently hard, rub down and re-paint. If the film is still very soft scrape off gloss coat, clean with White Spirit and re-paint.</p>

SURFACE PREPARATION AND PRIMING

All work should be carried out in compliance with BS6150: Code of Practice for Painting of Buildings. The importance of preparation of the surface prior to painting cannot be over emphasised. No surface should be painted unless it is in a sound, firm, clean, dry condition and completely free from dirt, dust, oil, grease, rust and efflorescence. All loose and flaking materials should be removed by scraping, wire-brushing or other suitable methods. Avoid the inhalation of dust by wearing a suitable face mask. Normally dirty surfaces can be adequately cleaned with water and soap, or detergent. Heavy deposits of grease or fat can be removed by swabbing with sugar soap. Previously painted surfaces should be rubbed down to provide a suitable 'key' for subsequent coats of paint. Usually rubbing down is best carried out using wet and dry abrasive paper and water. This helps to avoid scratching the surface, and prevents dust from flying about. When dry sanding, wear a suitable dust mask. Surface imperfections such as holes, cracks and dents should be made good with a suitable filler.

WOOD

Because of its cellular structure, wood is capable of holding large amounts of water. Correctly seasoned wood contains no excess moisture and should not be exposed to any contact with moisture or water before it is effectively protected by priming.

Moisture content

Preferably the moisture content of wood, when painted, should be near to the level at which it will stabilise in service (usually 10-12 per cent for interior woodwork and 15-18 per cent for exterior woodwork). If woodwork is painted whilst the moisture content is high, the paintwork is likely to blister or flake and there is a likelihood of "wet rot" or fungal growth problems arising. This also applies to any previously painted woodwork where bare wood areas are exposed, due to failed paint coatings.

Preservative treatments

It is now common practice to factory apply treatments which prevent rotting or insect damage. Unless suppliers advise otherwise, it can be generally assumed that most of these treatments can be over-painted, providing moisture content is below 18 per cent and any residual solvent has evaporated. For further advice contact Technical Advisory, on 01924 354100.

Unpainted softwood

Ensure the wood is dry and free from oil, grease or other contaminants and dust off thoroughly. Apply a knotting solution to all knots and resinous areas, coating sufficiently beyond the defect to ensure efficient sealing. Liberally apply a suitable primer and brush well into the surface. Ensure the final coat is smooth and even.

Previously painted softwood

Remove all defective paintwork, either by using a heat gun or paint remover. Ensure all traces of paint remover are thoroughly cleaned off. Rub down with fine waterproof abrasive paper and rinse thoroughly. Apply knotting solution and prime bare areas as for unpainted softwood.

Suggested Primers for softwood

Johnstone's Wood Primer, Joncyl Water Based Primer Undercoat, Aluminium Wood Primer (these products are particularly suitable for resinous timber).

Unpainted hardwood

Ensure that wood is dry and free from oil, grease and any other contamination. If any delay occurs between preparation and priming, it is a sensible precaution to wipe over the surface with White Spirit, due to the oily nature of some hardwoods. Dispose of cloths contaminated with White Spirit safely. Liberally apply a suitable primer. Ensure the final coat is smooth and even.

Previously painted hardwood

Spot prime all open joints or other defects of the remaining paintwork. When dry, stop with a suitable hard stopper to prevent water penetration. Wash all remaining painted surfaces with water and detergent to remove any contamination. Rub down with fine waterproof abrasive paper and rinse thoroughly.

WOOD (continued)

Wood treated with creosote

Painting over creosote is not recommended unless the creosote is well weathered. Prepare the surface ensuring it is dry and free from grease etc. As discolouration or “bleeding” is likely to occur, normal paint systems cannot be used. The surface should be sealed with Johnstone’s Aluminium Wood Primer, or Johnstone’s Quick Dry Primer Sealer. A second coat of Primer should be applied if the first coat discolours. Certain Johnstone’s Woodcare products such as Exterior Shed & Fence Treatment can be applied direct to weathered creosoted timber.

Suggested primers for hardwood

Johnstone’s Wood Primer (non-oily hardwood), Johnstone’s Aluminium Wood Primer.

Microporous systems

Timber to be over-coated with a microporous system such as Johnstone’s Stormshield Flexible Gloss, Exterior Satin Finish Woodstain or Opaque Wood Finish, should be given a pre-coat of Johnstone’s Woodworks Universal Primer before applying the correct system as directed.

PLASTER AND MASONRY

Walls of new buildings generally contain an amount of water and checks must be made to determine the degree of moisture present. If possible decoration should be delayed until excess moisture has sufficiently reduced. All surfaces, new or old, should also be checked for any indications of organic growths, eg algae or fungi and where necessary sterilising methods such as Johnstone's Performance Coatings Sterilisation Wash solution must be used prior to painting.

Plaster

Remove any surface contamination and make good any cracks with an appropriate filler. Remove efflorescence by dry brushing as it appears and until it ceases. In order that effective drying takes place, ensure good ventilation. Normally priming should be carried out using a permeable emulsion paint. Johnstone's Jonmat Obliterating Matt Emulsion is recommended in this instance. Alternatively, prime with one coat of Johnstone's Alkali Resisting Primer applied to the dry substrate. Liberal application of the primer is recommended to compensate for varying degrees of absorbency in the plaster.

Concrete, brickwork, cement rendering and masonry

Thoroughly brush down with a stiff brush to remove any dust or surface contamination. Avoid the inhalation of dust by wearing a suitable face mask. Repair defects and cracks with the appropriate materials. On porous or friable surfaces apply one coat of Johnstone's Stormshield Stabilising Solution or Johnstone's Stormshield Quick Dry Stabilising Solution or if the surface is very sound, apply finishing coats of the required coating direct. If finishing with a solvent-borne system, first prime with Johnstone's Alkali Resisting Primer.

Previously painted plaster, concrete, brickwork, cement rendering and masonry

Repair all cracks and defects with a suitable filler. Wash down the remaining areas to remove dirt etc. Rub down previously gloss painted surfaces with waterproof abrasive paper to provide a "key" for subsequent coats, rinse with clean water and allow to dry. Prime any bare areas as suggested for the particular substrate.

Fletton common bricks

Paint adhesion problems can occur on this type of external brick. The presence of kiss marks, dark, smooth and sometimes slightly glazed areas can result in paint failures in less than two years. In addition a tendency to form powdery surface deposits of efflorescence can also cause subsequent failure. All paint types are affected and thick films can fail extensively due to the added effect of trapped moisture. External rendering, carried out in accordance with BS5262, can provide satisfactory adhesion for paint systems. Sand-faced and rustic Flettons can be painted satisfactorily.

BUILDING BOARDS**Cementitious boards and sheets**

Observe the requirements of the current regulations and best practice codes before carrying out any work. Owing to the alkaline nature of cement, priming with Johnstone's Alkali Resisting Primer may be necessary. Priming may not be necessary if water-borne products are to be used. Where condensation is likely to occur in cavities or roof spaces, it is advisable to prime the backs of boards or sheets. In very wet environments it may be necessary to use non-saponifiable paints such as Johnstone's Stormshield Pliolite Based Masonry Finish.

Plasterboard and other paper-faced boards

Plasterboard is extensively used in dry lining systems and jointing compounds, paint treatments etc should be as per manufacturer recommendations. Paper faced compressed straw slabs and wood based boards etc do not normally present painting problems.

Fibre hardboards

Hardboard does not provide any problems in painting. The surface does not need to be rubbed down but should be clean and free from grease. Prime as for untreated fibre insulating boards.

Fibre insulating boards

Fibre insulating boards may be pre-treated with flame retardant chemicals. If treated, prime with Johnstone's Alkali Resisting Primer. Where a solvent-borne finishing system is required, prime with Johnstone's Alkali Resisting Primer or Johnstone's Joncryl Water Based Primer Undercoat. In areas of condensation it may be necessary to paint the back of fibre insulating boards to minimise the risk of warping. Untreated boards can be painted with water-borne paints such as Johnstone's Covaplus Vinyl Matt Emulsion without the use of a primer.

Polystyrene sheets and tiles

The manufacturer's painting recommendations should be followed. Clean off any dust and apply any Johnstone's water-borne paint product. On no account should solvent-borne products be used.

METAL

Galvanised iron and steel

New galvanised surfaces are usually very smooth, making firm adhesion of paint difficult. If they are allowed to weather for some weeks this effectively etches the surface providing a more suitable substrate for painting. As it is sometimes necessary to apply primer direct to unweathered galvanised surfaces, care should be taken to remove all traces of oil and grease etc. Degreasing with White Spirit using clean cloths, is often very effective. Follow by thoroughly washing with detergent and water, rinse well and allow to dry. Dispose of cloths contaminated with White Spirit safely.

New galvanised iron and steel

Completely remove any oil or grease, etc. Apply a liberal coat of Johnstone's Mordant Solution allowing the solution to darken the metal. Wash off any surplus solution, allow to dry, then prime with Johnstone's Universal Primer or a suitable primer from the Johnstone's Performance Coatings range.

Weathered galvanised iron and steel

Clean the surface to remove all traces of oil, grease and any other contamination. Remove any rust back to bare metal and treat with Johnstone's Mordant Solution as required. When dry, prime immediately with Johnstone's Universal Primer or a suitable primer from the Johnstone's Performance Coatings range.

Iron and steel

Iron and steel require very thorough surface preparation and protection with a suitable and effective paint system. Poor preparation results in ineffective paint protection. The most effective preparatory methods for cleaning iron and steel are shot blasting, grit blasting, flame cleaning, impact needles and some forms of chemical cleaning. Hand cleaning methods are generally less effective and any scraping or wire brushing must be as thorough as possible. It is imperative that there should be no delay before priming clean iron and steel as exposure to the air can cause surface deterioration in a very short time. Priming within one hour of preparation is advised.

New or unpainted iron and steel

Remove all oil, grease, by solvent cleaning methods. Remove any rust or millscale by the most effective means to produce a surface suitable for painting. Ensure the surface is dry and apply a coat of suitable primer, brushing well into the grooves and applying liberally to angles and edges. Recommended primers are Johnstone's Universal Primer or any suitable primer from the Johnstone's Performance Coatings range.

Previously painted iron and steel

If the whole surface is in a poor condition, remove existing paint with a proprietary paint remover and prepare as for unpainted iron and steel. Generally sound paintwork should be checked for any loose or flaking material, which should be removed down to bright metal. Prime all bare metal immediately with Johnstone's Universal Primer or a suitable primer from the Johnstone's Performance Coatings range and allow to dry. Thoroughly degrease remaining areas prior to the application of any further coating.

METAL (continued)

Pre-primed iron and steel

Ensure that the primer has been correctly and effectively applied to the surface. Rectify any surface defects by cleaning and spot priming. If the surface has not been properly primed, or millscale and rust are present, remove by the most effective means and treat the surface as for unpainted iron and steel.

Bitumen coated iron and steel

New bitumen or bituminous materials should not be painted except with further coats of bitumen, owing to the risk of bleeding or surface cracking. It may be possible to paint hard or weathered bituminous coatings provided a suitable sealer, e.g. Johnstone's Aluminium Wood Primer is applied to reduce the risk of bleeding. Ensure all surfaces are clean and dry and that any bare areas have been spot primed with a suitable primer.

Non-ferrous metals: Copper, brass and similar alloys

These metal are difficult to paint as no effective key is provided for paint adhesion. They are best left unpainted. If painting is essential, lightly abrade the surface with waterproof abrasive paper and clean down with White Spirit. Dispose of cloths contaminated with White Spirit safely. Prime with Johnstone's Universal Primer or a suitable primer from the Johnstone's Performance Coatings range.

Non-ferrous metals: Aluminium and Aluminium alloys

Aluminium has a smooth even surface, containing a white oxide layer; it is therefore necessary to prepare the surface to provide a sufficient key. Aluminium should always be kept from contact with any caustic solutions or substances. Prepare bare metal by lightly abrading with waterproof abrasive paper using White Spirit as a lubricant. Clean down with White Spirit and dry thoroughly. Dispose of cloths contaminated with White Spirit safely. Prime with Johnstone's Universal Primer or a suitable primer from the Johnstone's Performance Coatings range.

Previously painted non-ferrous metals

Remove all flaking and badly adhering paint; if necessary remove using paint remover and treat as for a new surface. If surface coatings are sound, clean down with White Spirit, wash with detergent and water and thoroughly rinse with clean water. Dispose of cloths contaminated with White Spirit safely. Spot prime any bare areas as indicated above.

DIFFICULT AND UNSOUND SURFACES

Non-washable distempers

These should be completely removed by repeated washing. Allow the surface to thoroughly dry and apply one coat of Johnstone's Alkali Resisting Primer.

Cement pairs and limewash

These materials should be completely removed prior to painting. Alternatively a thorough brushing down with a stiff bristle brush followed by 1 or 2 coats of Johnstone's Stormshield Stabilising Solution may suffice.

Nicotine stained surfaces

Remove as much of the stain/smoke residue as possible with sugar soap, rinse well with clean water and allow to dry. If the surface is heavily stained apply one coat of Johnstone's Aluminium Wood Primer. If the staining is slight apply one or two coats of Johnstone's Alkali Resisting Primer.

SPRAY EQUIPMENT RECOMMENDATIONS

Spray equipment recommendations

Throughout Johnstone's product information and packaging, reference is made to suitable application methods. In addition to application by brush and/or roller many Johnstone's products can be applied by spray. There are basically two methods of spraying, conventional or air spray and 'airless' spray. The former is perhaps the most well known and utilises compressed air to atomise the paint via an air spray gun. Although the finish obtained with most paints is good, the method is somewhat slow and wasteful of materials. It is most effective on complicated items such as old style cast-iron radiators and louvre doors. The equipment used consists of an air compressor (minimum output 4 cu. ft/min at 40 psi), a pressurised container, hoses and an air spray gun. The method of spraying known as the 'airless' system has now been in use in this country for many years and, therefore, should be familiar to most decorating firms and maintenance painters. The speed of operation is up to 200 square metres per hour. Many Johnstone's products can be applied by airless spray, which uses a pump to force paint at high pressure to a spray gun and through a suitable nozzle or tip.

Conventional spray

Johnstone's products indicated as suitable for application by spray or conventional spray can be applied by this method as follows:

Water-Borne Products

For conventional spray application, most water-borne products will require thinning up to a maximum of 10% with clean water to produce best results. Use a normal type pressure container with approximately 25-40 psi fluid pressure, an air spray gun with a 1.8 or 2.5mm diameter nozzle and a suitable air cap with 25-60 psi air pressure.

Solvent-Borne Products

For Health and Safety reasons we do not recommend the spray application of solvent-borne paints.

Airless spray

Johnstone's products indicated as suitable for application by spray or airless spray can be applied by this method as follows:

Use tip sizes and fluid pressures as indicated. Spray pattern widths should be between 6" (15cms) and 12" (30cms). The airless spray unit should be capable of delivering a minimum of 750ml per minute. Thoroughly mix all products before use and if ambient temperatures dictate, thin up to 5% with clean water.

For advice on airless spray application of products other than those listed, please contact Technical Advisory, on 01924 354100.

Water based

Product	Tip Size (In thou.)	Pressure (psi)	Thinning Req. (Clean Water)
Acrylic Durable Matt	15-21	2000	No
Acrylic Eggshell	13-17	2000	10%
Covaplus Vinyl Matt	15-21	2000	No
Vinyl Silk	15-21	2000	No
Vinyl Soft Sheen	15-21	2000	No
Jonmat Premium Contract Matt	15-21	2000	No
Emulsion Glaze	11-17	2000	No
Joncryl Water Based Primer Undercoat	15-21	2000	5%
Smooth Masonry	15-21	2700	2.5%
Quick Dry Stabilising Solution	13	1800	No

HEALTH AND SAFETY ADVICE

Health and Safety at Work Act 1974

The Health and Safety at Work Act 1974 places a responsibility upon manufacturers and suppliers of substances for use at work to ensure so far as is reasonably practical that they will be without risk to health when properly used. Suppliers are also required to provide users with information on the nature of any hazards of the materials supplied together with recommended precautions for their safe use. Johnstone's paint products are intended for the decoration and protection of interior and exterior surfaces of buildings. Application is as recommended in the product information section of the manual. Suitability for other uses should be referred to Technical Advisory. Johnstone's paint products are formulated to be safe provided that they are used in accordance with their instructions for use and that common sense standards of personal hygiene and working methods are observed. Some special products require additional precautions in their use. All containers of Johnstone's paint products are labelled in accordance with the Chemicals (Hazard Information and Packaging for Supply) Regulations to indicate any health and fire risks and the precautions to be taken.

Before using any product read the label. Note particularly any special warnings.

Health hazards

Occupational Exposure Limits (OELs) have been established by the Health and Safety Commission for certain ingredients and OELs for some hydrocarbon solvents are advised by the Hydrocarbon Solvents Manufacturers Association. Over-exposures are irritating to the eyes and respiratory system. Excessive concentrations may produce effects on the central nervous system including drowsiness. In extreme cases loss of consciousness may result. Long-term exposure to vapour concentrations in excess of OELs may result in adverse health effects. Splashes entering eyes will cause discomfort and possible damage. Prolonged contact with the skin may have a defatting effect which may lead to skin irritation and in some cases dermatitis.

Precautions in handling use

Before commencing work, an assessment should be carried out as required by the COSHH (Control of Substances Hazardous to Health) Regulations 1999. Avoid the inhalation of vapours and spray mist by the provision of good natural ventilation, sufficient to keep airborne concentrations below the OEL during application and drying of paint films. In operations where natural ventilation is insufficient to achieve this eg. spray painting or work in enclosed areas, exposure should be controlled, where reasonably practical, by the use of local exhaust ventilation. If this is not sufficient to maintain concentrations below the OEL, suitable respiratory protective equipment must be worn. Avoid contact with skin and eyes. Wear appropriate protective clothing and eye protection to BS7028. Keep containers closed except when in use. For health and safety reasons we do not recommend spray application of solvent based products.

Respiratory equipment

If exposure to hazardous substances identified within the Health and Safety data sheet cannot be controlled by the provision of local exhaust ventilation and good general extraction, suitable respiratory protective equipment should be worn. Dry sanding, flame cutting and/or welding of dry films will give rise to dust and/or hazardous flames. Wet sanding should be used wherever possible. If exposure cannot be controlled, suitable respiratory protective equipment should be used.

HEALTH AND SAFETY ADVICE

First aid procedure**Inhalation**

Remove to fresh air, keep patient warm and at rest. If breathing is irregular or has stopped, administer artificial respiration. Give nothing by mouth to an unconscious person.

Contact Lenses

Irrigate copiously with clean fresh water for at least 10 minutes, holding the eyelids apart. And seek medical advice.

Skin contact

Remove contaminated clothing, wash skin thoroughly with soap and water or use a proprietary skin cleanser. Do not use solvents or thinners.

Ingestion

If accidentally swallowed, **DO NOT INDUCE VOMITING**, keep at rest and obtain prompt medical attention.

IN ALL CASES OF DOUBT, OR WHERE SYMPTOMS PERSIST, SEEK MEDICAL ATTENTION.

Storage

Emulsion and water containing products must be stored in a cool, dry, well ventilated place. Protect from frost.

Flammable products (flash point above 32°C) Store separately from oxidising agents, strongly alkaline and strongly acidic materials.

Although the storage of these products are not subject to the specifics to factory requirements, the principles contained in the HSE guidance note HSG71 storage of packaged dangerous substances should be observed.

Store between 5°C and 25°C

in a dry ventilated place away from sources of ignition, heat and direct sunlight. No smoking. Prevent unauthorised access. Containers which are opened should be properly re-sealed and kept upright to prevent leakage. Keep all paint products out of the reach of children.

HEALTH AND SAFETY ADVICE (continued)

Lead in previously painted surfaces

When surfaces are to be prepared for painting, account must be taken of the age of the property and the possibility that lead pigmented paint might be present. There is a possibility that ingestion or inhalation of scrapings or dust arising from the preparation work could cause adverse health effects. As a working rule you should assume that this will be the case if the age of the property is pre-1960. Where possible wet flattening or chemical stripping methods should be used with surfaces of this type to avoid the creation of dust. When dry flattening cannot be avoided, and effective local exhaust ventilation is not available, it is recommended that a dust respirator approved for use with lead dusts is worn, its type selected on the basis of an occupational hygiene (COSHH) assessment, taking into account the occupational hygiene exposure standard for lead in air. Furthermore, steps should be taken to ensure containment of the dusts created, and that all practicable measures are taken to clean up thoroughly all deposits of dust in and around the affected area. Extra precautions will need to be taken when burning off old lead based paints as fumes containing lead will be produced. It is recommended that a respirator, approved for use with particulate fumes of lead is selected on the basis of the occupational hygiene (COSHH) assessment.

The Code of Practice for the Control of Lead at Work 1998 should be consulted for advice on protective clothing and personal hygiene precautions. Care should be taken to exclude visitors, members of the household and especially children from the affected area during both the actual work and the subsequent clean up operations. All scrapings, dust, etc, should be disposed of as Hazardous Waste, with the relevant documentation under the Hazardous Regulations, the Environmental Protection (Duty of Care) Regulations, the Controlled Waste (Registration of Carriers and Seizure of Vehicles) Regulations and the Waste Management Licensing Regulations.

Spillage

Contain and collect any spillages with a non-combustible absorbent material eg sand or earth. Do not allow to enter drains or watercourses. Exclude sources of ignition. Ventilate the area. The resulting waste should be clearly labelled and disposed of responsibly under the requirements of the Control of Pollution Act and the Environmental Protection Act. Using the information provided in the Health & Safety datasheet, advice should be obtained from the relevant Environment agency where the Hazardous Waste Regulations apply.

HEALTH AND SAFETY ADVICE (continued)

Fire hazards

Flammable products (flash point above 32°C): Exclude sources of ignition during application and drying. No smoking.

To prevent the creation of flammable concentrations of vapour in air, good natural ventilation and, if necessary, local exhaust ventilation should be provided.

FLAMMABLE AND HIGHLY FLAMMABLE PRODUCTS (flash point below 32°C) should only be used in areas from which all naked lights and other sources of ignition, including unprotected electrical equipment, have been excluded. Care should be taken to avoid the risk of electrostatic ignition. The accumulation of contaminated rags etc may result in spontaneous combustion (ie self-ignition) without warning. Good housekeeping standards and the regular and safe removal of waste material will minimise risk.

Fire fighting

Fire will produce dense black smoke containing harmful products of combustion. Use foam or dry powder extinguishing agents. Cool containers exposed to fire with water spray.

Hazard classifications

Individual product hazard classifications for each Johnstone's product are identified on packaging in compliance with the 'Chemicals (Hazard Information and Packaging) for Supply Regulations.' For further information please refer to the current Health and Safety data sheet.

BEFORE USING ANY JOHNSTONE'S PAINT PRODUCT, REFER TO THE APPROPRIATE HEALTH AND SAFETY DATA SHEET.

		Range	Product	Pack Size - Litres	Coverage - Approx m² per Litre	Touch Dry - Hours	Recoat - Hours	Application Method	Plaster/Masonry	Wood	Metal	Interior	Exterior		
Advanced Technology Range		Aqua	Water Based Gloss	1, 2.5, 5	10 - 12	1 - 2	4 - 6	B		•	•	•	•		
			Water Based Undercoat	1, 2.5, 5	10 - 12	1 - 2	4 - 6	B		•	•	•	•		
		Ultra	High Opacity Matt	5	8	2	4	B/R	•				•		
			New Work Gloss	1, 2.5, 5	16 - 18	4 - 6	16 - 24	B/R		•	•	•	•	•	
		Acrylic	Durable Matt	2.5, 5	11 - 13	1 - 2	4	B/R/S	•	•	•				
			Satin	1, 2.5, 5	12	1 - 2	4	B/R		•	•	•			
			Eggshell	2.5, 5	11 - 13	1 - 2	3 - 4	B/R/S	•	•	•	•			
			Gloss	2.5	9 - 11	1 - 2	6	B		•	•	•	•	•	
Trade Professional Range		Emulsions	Covaplus Vinyl Matt	1, 2.5, 5, 10	12 - 14	1 - 2	2 - 4	B/R/S	•				•		
			Vinyl Silk	1, 2.5, 5, 10	10 - 12	1 - 2	3 - 4	B/R/S	•				•		
			Vinyl Soft Sheen	2.5, 5, 10	12 - 13	1 - 2	3 - 4	B/R/S	•					•	
			Jonmat Premium Contract Matt	5, 10, 15	12 - 14	1 - 2	2 - 4	B/R/S	•					•	
			Emulsion Glaze	2.5	14 - 16	1 - 2	2 - 4	B/R/S	•						•
		Trim	Professional Gloss	0.5, 1, 2.5, 5	16 - 18	4 - 6	16 - 24	B/R		•	•	•	•	•	
			Professional Undercoat	0.5, 1, 2.5, 5	16 - 18	4 - 6	16 - 24	B/R		•	•	•	•	•	
			Non-Drip Gloss	1, 2.5	13 - 15	4 - 6	16 - 24	B		•	•	•	•	•	
			Satin Finish	1, 2.5	14 - 16	4 - 6	16 - 24	B/R		•	•	•			
		Primers	Eggshell	0.5, 1, 2.5, 5	18 - 20	4 - 6	16 - 24	B/R		•	•	•			
			Joncryl Water Based Primer Undercoat	1, 2.5, 5	12 - 14	1	1 - 2	B/R/S	•	•			•	•	
			Wood Primer	1, 2.5, 5	11 - 13	4 - 6	16 - 24	B		•			•	•	
			Universal Primer	1, 2.5, 5	11 - 13	3 - 4	16 - 24	B/R	•	•	•	•	•	•	
Alkali Resisting Primer	2.5, 5		9 - 11	4 - 6	16 - 24	B/R	•	•	•	•	•	•			
Stormshield		Exterior Finishes	Smooth Masonry	2.5, 5, 10	9 - 11	1 - 2	4 - 6	B/R/S	•					•	
			Textured Masonry	5	6 - 8	1 - 2	4 - 6	B/R/S	•						•
			Jontex High Build Textured Masonry	10	0.5 - 1	3 - 5	48 - 72	R/S/T	•						•
			Pliolite Based Masonry Finish	5	6 - 10	1 - 2	16 - 24	B/R	•						•
			Quick Drying Stabilising Solution	5	6 - 10	1 - 2	2 - 4	B/R/S	•					•	•
			Stabilising Solution	5	6 - 8	1 - 2	16 - 24	B/R	•						•
			Flexible Gloss	2.5	14 - 16	4 - 6	16 - 24	B		•	•				•
			Flexible Primer Undercoat	2.5	11 - 13	4 - 6	16 - 24	B		•	•				•
			Water Seal	5	3 - 5	4 - 6	8	B/R	•						

Finish	Water/Solvent Based	VOC Content	BBA Accreditation	Key Benefits
Gloss	W	Medium		Tough, durable & quick drying - low odour, water based technology
n/a	W	Low		Low odour, water based technology - quick drying - excellent application
Matt	W	Low		Exceptional opacity - one coat application - ultimate speed & coverage
Gloss	S	High		Exceptional opacity - ideal for new work - ultimate speed & coverage
Matt	W	Low		Tough, durable & washable - ideal for high traffic areas - resists moisture
Satin	W	Medium		Tough, washable satin finish - quick drying - non-yellowing
Mid Sheen	W	Low		Tough, washable mid sheen finish - quick drying - non-yellowing
Gloss	W	Medium		Non-yellowing, washable gloss finish - low odour & quick drying
Matt	W	Low		Excellent coverage & opacity - hides surface imperfections
Silk	W	Medium		Durable, washable & fade resisting - high quality silk finish
Soft Sheen	W	Low		Good opacity & coverage - scuff resistant & wipeable finish
Matt	W	Low		Ultimate obliteration, good opacity - ideal for new plaster
Mid Sheen	W	Low		Protective mid sheen glaze - seals decorated surfaces
High Gloss	S	High		Superb coverage, opacity & durability - optimum high gloss
n/a	S	High		Superb application, coverage & opacity - perfect base for gloss finish
Gloss	S	High		Self undercoating - drip resistant - fast & easy to use
Satin	S	High		Durable & washable - resistant to condensation
Mid Sheen	S	High		Condensation resistant - tough, washable mid-sheen finish
n/a	W	Minimal		Superb obliteration & covering power - quick drying - low odour
n/a	S	High		Primes for undercoating new & bare timber
n/a	S	High		Multi-surface primer - anti-corrosive - ideal for metals
n/a	S	High		For alkaline/chalking surfaces - binds powdery substrates
Matt	W	Low	✓	Weather resisting & durable - 15+ years life expectancy - excellent colour retention
Matt	W	Low	✓	Weather resisting & durable - 15+ years life expectancy - excellent colour retention
Matt	W	Minimal	✓	For badly weathered surfaces - one coat protection 10+ years life expectancy
Matt	S	High	✓	Showerproof in 20 mins - can be applied at -5C - 15+ years life expectancy
n/a	W	Minimal		Primes porous surfaces - highly penetrative - recoat 2 hours
n/a	S	Very High	✓	Primes porous surfaces - highly penetrative - BBA approval
Gloss	S	High	✓	Excellent opacity - resists blistering, cracking & flaking - 5 year protection
n/a	S	High	✓	Excellent flexible & durable microporous primer & undercoat
n/a	S	Very High		Creates waterproof, breathable seal - protects against frost

JOHNSTONE'S

Your nearest Johnstone's stockist

www.johnstones-paints.co.uk
sales enquiries **01924 354600**
technical advice **01924 354100**



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