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Paint Solutions for  Healthcare



PPG Architectural Coatings EMEA
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**coatings
care**



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Excellence
in paint
since 1890

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PPG and Johnstone's



Welcome to PPG

PPG Industries is a global supplier of paints, coatings, chemicals, optical products, speciality materials, glass and fibreglass. The company has more than 140 manufacturing facilities and equity affiliates and operates in more than 60 countries. PPG achieved sales of approximately \$15.8 billion in 2008.

PPG Architectural Coatings EMEA Region UK and Ireland

- Here in the UK and Ireland we specialise in the manufacture and supply of decorative coatings and the supply of application products.
- We have a dedicated transport fleet and supply customers through a network of more than 185 decorating centres and via more than 2,500 stockists, including builders merchants and national DIY accounts.
- Our key trade brands are Johnstone's, Leyland and Fat Hog.
- We have around 2,000 employees in the UK and Ireland, with over 1,000 in our head office at Birstall in the heart of West Yorkshire.

JOHNSTONE'S

Excellence in Paint since 1890

When it comes to paint, Johnstone's really does set the standard. A manufacturer of paint since 1890, Johnstone's offers a complete range of professional finishes. With over 115 years of experience and expertise, specification professionals can rely on the quality and performance of the Johnstone's product range.

As a leading paint brand, Johnstone's offers a comprehensive range of premium paint solutions and support services to the healthcare sector.



The Johnstone's range

ADVANCED TECHNOLOGY 

The next generation in paint with new technologies that get the project completed quicker and to the highest standard.

TRADE PROFESSIONAL

Everything you need to get the best job done, with the best possible finish.

STORMSHIELD

Performance products that have been formulated to ensure lasting protection of exterior surfaces and have achieved BBA accreditation.



PERFORMANCE COATINGS 

High performance products that provide the solution to all flooring, hygiene, and steel and cladding requirements.

WOODWORKS

A complete range of woodcare products with excellent performance characteristics.

For further information about Johnstone's products and services visit www.johnstonestrade.com, call 0800 023 2170 to arrange a meeting with your local specification manager or email specifiers.acuk@ppg.com

Building and Development in the Healthcare Sector

With healthcare inevitably continuing to be a key development area for the building industry, numerous programmes and initiatives help drive and fund essential NHS projects.



Procure 21

The ProCure21 procurement method for publicly funded NHS Capital Schemes has delivered around 200 NHS projects to date. Used to deliver community hospitals, primary care centres, mental health units and other acute services, the method represents industry best practice. It enables NHS trusts to select Principal Supply Chain Partners (PSCPs) from the ProCure21 framework without having to go through other tender processes, meaning that projects quickly get off the ground.

LIFT (Local Investment Finance Trust)

NHS LIFT is a programme for improving and developing frontline primary and community care facilities. It allows Primary Care Trusts to design new premises and facilities that are tailored to the services that are required and offered for the surrounding areas. PCTs are able to provide patients with modern integrated health services in high quality premises such as GP premises, one stop primary care centres, integrated health and local authority service centres, and community hospitals.

Designed for Life (Wales)

Launched in 2005, Designed for Life is the Welsh Assembly Government's 10-year vision for creating world-class health and social care in Wales. It describes the kind of health and social care services the people of Wales can expect by 2015 and how these can be developed. Its primary focus is on health services and health improvement.

Paint Solutions for Healthcare

With years of experience and expertise in healthcare, the Johnstone's specification team is well qualified to recommend and provide tailored decorative solutions for all sectors of healthcare, including hospitals, GP surgeries, and care homes.

Colour for Wellbeing

We all know that hospital surroundings play a major part in a patient's recuperation and well-being. However healthcare environments are also places of work and are populated by a steady stream of visitors. Therefore the use and choice of colour has to appeal to a wide range of people and suit a variety of surroundings.

Colour for Access

Using colour is also essential in public and commercial buildings to ensure that the partially sighted can gain access and easily navigate with minimal obstacles. The buildings regulations Approved Document M provides guidance in line with the Disability Discrimination Act and highlights the need for critical surfaces to be highlighted in colours and shades that have contrasting percentage points of light reflectance value (LRV).



Product Suitability

Along with colour, selecting the right decorative products for medical buildings is essential. A key driver in this process is ensuring that products can withstand the rigorous cleaning regimes expected in today's society. Products should be highly durable, tough and washable.

The Johnstone's range of premium paints includes products suitable for surfaces in the HTM 56 building components series.

All Johnstone's products are present within the NHS PASA national framework agreement. Information can be found on NHS e-Cat under contract reference CM/FMM/03/877/3.



Selecting some of today's high performance specialist coatings can also contribute towards health and safety requirements. Johnstone's Microbarr Anti Bacterial Coatings are proven to help in the fight against infections caused by harmful bacteria. Johnstone's Microbarr is bactericidal against nearly 150 strains of bacteria and is therefore a useful tool when used as part of the solution and in conjunction with cleaning regimes.

In circulation and communal areas, consideration should be given to the various legislations such as the Regulatory Reform (Fire Safety) Order 2005 and Part 3 of the Fire Scotland Act (October 2006). Johnstone's Flame Retardant coatings are designed to delay the spread of flame thus aid the safe escape of occupants in the event of a fire.

Technical and colour advice from Johnstone's

This brochure is designed to provide you with some immediate guidance on decoration for healthcare environments. It highlights key considerations for specific situations, recommends suitable products for different surfaces, environments and suggests colour schemes to create the right environment.

If you would like more help and advice or a tailored approach for your project, our dedicated specification team is here to help. They can provide an initial on-site consultation or work from plans and project briefs. Following their investigations they can provide a bespoke written specification and colour scheme document incorporating suggestions from the Johnstone's palette of 15,000 colours. Call 01924 354156 to speak with our Technical Specification Consultants.

Coatings to Help Improve Hygiene Standards

Bacteria are an unavoidable fact of life, but with hospital “superbugs” and pandemics frequently dominating the media, hygiene standards in the health service is a growing area of concern for the general public.

Following the introduction of the Hygiene Code, which is part of The Health Act 2006, hospitals are increasingly under pressure to make changes to their infection control practices. As a responsible coatings provider, Johnstone’s are continually developing and improving products that can help healthcare providers to meet hygiene standards. Johnstone’s Anti Bacterial Coatings and Acrylic Durable Matt are ideal solutions for hospitals.

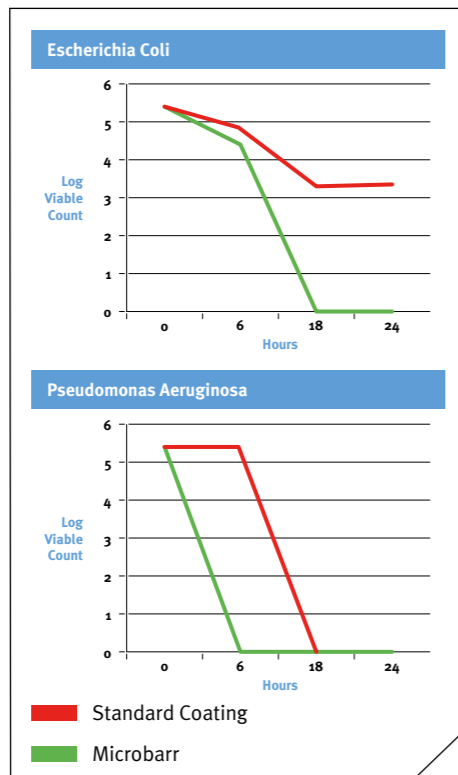
Microbarr Anti Bacterial Coatings

Technological advancements have led to a dramatic increase in the range of antibacterial based products available, including high performance paints and coatings.

Using proven silver ion technology that protects against over 150 strains of bacteria, Johnstone’s Microbarr Anti Bacterial Acrylic Matt and Acrylic Eggshell have been formulated to prevent the spread of harmful bacteria such as MRSA, Pseudomonas aeruginosa and E-coli.

On application, the silver ion forms part of the paint film, meaning it is extremely difficult to remove through washing. Attacking the bacteria in 3 ways, the silver ion breaks down the reproductive functions of bacteria. When used as part of a regular and efficient cleaning system Microbarr offers effective and enduring protection from bacterial growth.

To ensure its effectiveness, the Johnstone’s Microbarr range has been subjected to stringent Japanese test methods. Results of the Japanese JIS Z 2801 test show that 99.9 % of bacteria are eradicated within 18 hours where Microbarr is used on walls and other surfaces.



Acrylic Durable Matt

In areas where cleanliness is important but anti bacterial coatings are not required, choose products that are highly durable and washable.

Johnstone’s Acrylic Durable Matt has been specially designed with a robust washable formula that withstands today’s rigorous cleaning regimes. Acrylic resin particles form a strong durable paint film which is easily cleaned and only needs mild detergents and soft cloths to remove dirt and grime.

Meeting the highest possible standard of Class 1 of the industry scrub test ISO 11198, Acrylic Durable Matt retains a true matt finish, even when scrubbed, making it an ideal product to achieve extended maintenance cycles.



HTM 56 Category 1 Areas: Scrub Rooms, Theatres, Major Treatment Rooms

Creating the right environment

Clinical areas demand the upmost in cleanliness and hygiene. Use high performance coatings and pale colours to create a light and sterile environment.

Key considerations

- In surgical and major treatment rooms, hygiene is of paramount importance. The use of a proven anti bacterial coating is critical.
- Surfaces undergo the most rigorous of cleaning regimes, so paints need to be highly durable and washable whilst still retaining their aesthetic appearance.
- Surroundings should be clean, light and airy, so simple pale colours are recommended.

Recommended paint solutions

The following Johnstone’s paints are ideal for category 1 areas.

Ceilings & Walls

- Microbarr Anti-Bacterial Acrylic Eggshell
- Microbarr Anti-Bacterial Acrylic Matt
- Two Pack Epoxy Water Based Wall Coating
- Acrylic Durable Matt

Woodwork / Trim

- Aqua Water Based Gloss
- Acrylic Satin
- Microbarr Anti-Bacterial Acrylic Eggshell

Suggested colour combinations

Use pale pastel shades to create a clean and calm environment. The use of reds should be avoided.

Broad walls			
0903-G10Y	0603-Y10R	Brilliant White	S 0505-G10Y
0903-Y30R	S 1000-N	S 0804-Y70R	S 0907-G20Y

* Colour swatches shown are a guide only. See back cover for more information.



HTM 56 Category 2 Areas: Food Preparation & Catering

Creating the right environment

Kitchens are fast paced and practical working spaces, so decorating schemes must be able to withstand their demands. Colours should be clean and fresh to create a bright and hygienic environment.

Key considerations

- Hygiene is extremely important in kitchens and food preparation areas, so the use of anti bacterial coatings should be a key consideration.
- Surfaces are subject to rigorous cleaning, so products must be easily maintained, durable and washable.

Recommended paint solutions

The following Johnstone's paints are ideal for category 2 areas:

Ceilings & Walls

- **Microbarr Anti Bacterial Acrylic Eggshell**
- **Microbarr Anti Bacterial Acrylic Matt**
- **Two Pack Epoxy Water Based Wall Coating**

Woodwork

- **Aqua Water Based Gloss**
- **Acrylic Eggshell**
- **Acrylic Satin**

Floors

- **Two Pack Epoxy Water Based Floor Coating**

Suggested colour combinations

Use cool pastel shades to create a bright working environment.

Broad walls			
0903-G90Y	0903-Y30R	S 0500-N	S 0507-B80G
S 0507-Y60R	S 0507-R80B	S 0502-Y50R	S 0507-Y40R
Doors			
S 3010-Y40R	S 3010-B90G	S 0507-Y40R	S 0603-R80B
Trim			
S 7020-G	Brilliant White	S 1000-N	S 7020-R80B

* Colour swatches shown are a guide only. See back cover for more information. These colours can also be used for Category 3 & 4 areas.



HTM 56 Category 3 Areas: Utility & Disposal Areas

Creating the right environment

Utility and disposal areas are practical areas that need to withstand the rigour of everyday activity. Use hard-wearing, durable products that are designed for these tough conditions.



Suggested colour combinations

Keep colours simple, practical and light.

Broad walls			
S 1015-B80G	S 1015-Y40R	S 1015-Y60R	S 1015-R80B
S 0507-B80G	S 0507-Y40R	S 0507-R80B	0903-G90Y
Doors			
Brilliant White	S 0507-Y40R	S 2500-N	S 3010-R70B
Trim			
S 7020-G	Brilliant White	S 1000-N	S 7020-R80B

* Colour swatches shown are a guide only. See back cover for more information. These colours can also be used for Category 2 & 4 areas.

Key considerations

- These practical spaces are subject to harsh demands, so products need to offer extreme durability
- Surfaces are subject to frequent washing down, so products should be washable.

Recommended paint solutions

The following Johnstone's paints are ideal for category 3 areas:

Ceilings & Walls

- **Microbarr Anti Bacterial Acrylic Eggshell**
- **Acrylic Durable Matt**
- **Acrylic Eggshell**
- **Two Pack Epoxy Water Based Wall Coating**

Woodwork

- **Aqua Water Based Gloss**
- **Acrylic Satin**

Floors

- **Two Pack Epoxy Water Based Floor Coating**

HTM 56 Category 4 Areas: Showers & Bathrooms, Laundry

Creating the right environment

Ensure these practical spaces stay looking good for as long as possible by using products that are designed to withstand the effects of moisture.



Key considerations

- These areas are subject to high levels of moisture so paints should contribute towards the reduction of moisture and therefore the growth of mould.
- Surfaces are subject to high levels of cleaning so apply products which are practical, durable and washable.

Recommended paint solutions

The following Johnstone's paints are ideal for category 4 areas:

Ceilings and Walls

- Microbarr Anti Bacterial Acrylic Matt
- Acrylic Durable Matt
- Acrylic Eggshell
- Vinyl Soft Sheen

Woodwork

- Acrylic Satin
- Aqua Water Based Gloss
- Woodworks Quick Dry Polyurethane Varnish

Suggested colour combinations

Colours need to be practical but can be a combination of bold and soft hues.

Broad walls			
S 0500-N	S 0502-Y50R	0903-Y30R	S 0507-Y60R
S 1015-B80G	S 1015-Y40R	S 1015-Y60R	S 1015-R80B
Doors			
S 3010-Y40R	S 3010-B90G	S 3010-R70B	S 0603-R80B
Trim			
S 7020-G	Brilliant White	S 1000-N	S 7020-R80B

* Colour swatches shown are a guide only. See back cover for more information. These colours can also be used for Category 3 & 4 areas.

HTM 56 Category 5 Areas: Circulation Areas, Wards, Day Rooms

Creating the right environment

Reception areas, corridors, and communal areas create the all-important first impression to patients and visitors. Use colour to create a warm and welcoming environment and to guide visitors easily to their required destination.



Key considerations

- Communal areas are subject to high levels of activity meaning surfaces are frequently knocked and scraped.
- Products need to be durable, washable, low maintenance and environmentally responsible.
- Building operators have a duty of care to ensure the safety of all users and help guide people around easily and safely, so specialist coatings and colour schemes suitable for the partially sighted should be considered.

Recommended paint solutions

The following Johnstone's paints are ideal for category 5 areas:

Ceilings and Walls

- Microbarr Anti Bacterial Acrylic Eggshell
- Acrylic Durable Matt
- Acrylic Eggshell
- Flame Retardant Vinyl Matt
- Flame Retardant Acrylic Eggshell

Woodwork

- Aqua Water Based Gloss
- Flame Retardant Gloss
- Woodworks Quick Dry Satin Woodstain

Suggested colour combinations

Colours should create a warm and welcoming environment

Broad Walls			
S 0505-R30B	S 0804-Y70R	0603-Y30R	S 0505-Y80R
Feature Walls			
S 0515-B20G	S 0515-G40Y	S 0515-Y50R	S 1515-B80G
Doors			
S 2020-B50G	S 2000-N	S 2010-Y50R	S 0510-Y30R
Trim			
S 7020-G	Brilliant White	S 1000-N	S 7020-R80B

* Colour swatches shown are a guide only. See back cover for more information. These colours can also be used for Category 6 areas.

HTM 56 Category 6 Areas Administration, Offices, Staff Rooms

Creating the right environment

Use colours which encourage creativity and professionalism amongst staff.
Design a scheme that creates a lively yet welcoming atmosphere.



Key considerations

- These areas are in constant use, so choose products that are durable and practical.
- To retain their fresh appearance, coatings should be washable and easy to maintain.

Recommended paint solutions

The following Johnstone's paints are ideal for category 6 areas

Ceilings and Walls

- Acrylic Durable Matt
- Acrylic Eggshell
- Vinyl Soft Sheen

Woodwork

- Aqua Water Based Gloss
- Acrylic Satin

Suggested colour combinations

Colours should create a warm and welcoming environment

Broad Walls			
S 0510-R90B	S 0510-G	S 0510-Y10R	S 0505-R50B
Feature Walls			
S 1515-R90B	S 0515-Y70R	S 1515-Y40R	S 1515-Y80R
Doors			
S 2020-R80B	S 2020-Y70R	S 2020-B50G	Brilliant White
Trim			
S 7020-G	Brilliant White	S 1000-N	S 7020-R80B

* Colour swatches shown are a guide only. See back cover for more information. These colours can also be used for Category 5 areas.

Case Studies: William Harvey Hospital and Newton Abbot Hospital

William Harvey Hospital, Kent

Johnstone's helps hospital gain clean bill of health

Johnstone's has once again displayed its commitment to providing hospitals with hygienic interior solutions after its anti-bacterial paint range, Microbarr, was used in two operating theatres at the William Harvey Hospital in Kent.



Project Overview

The operating theatre walls were previously coated in an unknown poly-plastic glossy finish which would mean it would be hard to adhere to. The Johnstone's technical specification team specified Johnstone's Multi Surface Primer and two coatings of Microbarr Acrylic Eggshell.

The original brief was to paint the hospital's two main operating theatres, but the project was so successful

that they are now ready to paint a further five operating theatres, as well as a string of support rooms at the hospital.

Products Specified

- Johnstone's Multi Surface Primer
- Microbarr Anti Bacterial Acrylic Eggshell

Newton Abbot Hospital, Newton Abbot

Johnstone's is just the tonic for new hospital

Boasting a wide range of modern healthcare facilities, the newly created Newton Abbot Community Hospital in Devon has also benefitted from a low-maintenance, high performance paint specification from leading paint manufacturer Johnstone's.



Project Overview

With hygiene standards paramount, decorating company Westdex Ltd of Plymouth was tasked with identifying a paint finish able to withstand rigorous cleaning regimes whilst providing architect Murphy Phillips with a spectrum of colour choices to meet the modern design brief. Following numerous consultation meetings with advisors at the Plymouth Johnstone's Decorating Centre, Westdex Ltd initiated the move to change the original specification of a competitor brand after Johnstone's Acrylic Durable Matt was found to be a more effective choice for use on the internal walls throughout the new hospital.

Lyndon Harvey from Westdex Ltd comments: "For such a high-profile and challenging project, it was essential that we had the best products for the job and after several meetings at our local Decorating Centre, it soon became clear that Johnstone's could provide everything we need. The final paint specification not only exceeded our expectations but hopefully, also those of the client and main contractor."

Products Specified

- Johnstone's Acrylic Durable Matt
- Johnstone's Gloss & Undercoat

Technical Information

Product	Coverage - Approx m ² per litre	Touch Dry - Hours	Recoat - Hours	Application Method Brush/Roller/Spray	VOC Content	Key Benefits
Acrylic Durable Matt	11-13	1-2	4	B/R	Low	Tough, durable, washable
Acrylic Eggshell	11-13	1-2	3-4	B/R/S	Low	Tough, washable, mid sheen finish
Acrylic Satin	12	1-2	4	B/R	Med	Quick drying, high opacity, low odour satin finish
Aqua Water Based Gloss	10-12	1-2	4-6	B	Med	Tough, durable, quick drying and low odour
Flame Retardant Gloss	10-12	4-6	After overnight drying	B/R/S	High	Flame retardant gloss finish
Flame Retardant Acrylic Eggshell	10-12	1-2	4-6	B/R/S	Low	High quality, flame retardant eggshell finish
Flame Retardant Vinyl Matt	10-12	1-2	4-6	B/R/S	Low	Tough, washable flame retardant matt finish
Microbarr Anti Bacterial Acrylic Eggshell	12	3-4	4	B/R/S	Low	Tough, durable eggshell finish – silver ion technology
Microbarr Anti Bacterial Acrylic Matt	12	3-4	4	B/R	Low	Tough, durable matt finish – silver ion technology
Two Pack Epoxy Water Based Floor Coating	5-7	4	24	B/R	Min	High performance semi-gloss finish
Two Pack Epoxy Water Based Wall Coating	5-7	4	24	B/R	Low	Low odour, durable semi-gloss finish
Vinyl Soft Sheen	12-13	1-2	3-4	B/R/S	Low	Premium quality, vinyl mid sheen emulsion
Woodworks Quick Dry Polyurethane Varnish	12	1	4	B	Low	Quick drying, hardwearing
Woodworks Quick Dry Satin Woodstain	12	1	4	B	Low	Quick drying, microporous

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