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Specifying Colour & Colour Schemes

Excellence
in paint
since 1890

- 03 / Welcome to PPG
- 04 / The Importance of Colour
- 06 / Creating Effective Colour Schemes
- 08 / Colour Schemes for Partially Sighted People
- 10 / A World of Colour from Johnstone's
- 12 / Colourful Case Studies
- 14 / Colour Trends Forecasts



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.



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, 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 Development Manager or email specifiers.acuk@ppg.com

The Importance of Colour

Whether we realise it or not, colour has a huge impact on the way we act and the way we feel. Different colours evoke certain moods and feelings which is particularly important to remember when considering decorative schemes for a work environment and for public places.

What's the meaning of colour?

Colour can dramatically affect the look and feel of a room, so it is vital to make the right choice. By careful selection, designers can use colour to subtly influence moods and create the required ambience in an area of a building. For example, a **cool relaxing scheme** for hotel bedrooms and a **lively scheme** to generate buzz in restaurants and leisure complexes.

See opposite for the meaning of each colour. The warm side of the spectrum provides happy lively colours (reds, oranges and yellows) whilst the cool side gives us calming, sombre colours (greens, blues and purples).



Red
Provocative and exciting. Ideal for creative spaces and to stimulate lively conversation.



Orange
Bold, friendly and cheerful. Often used in leisure pursuits.



Yellow
Brightness, creativity and optimism. Often used to brighten an area that is lacking in natural light.



Green
Rejuvenation, balance and nature. Use in areas where people relax.



Blue
Calm, conservative and intellectual. Often used in areas where clear thinking is required or to create a cool atmosphere.



Purple
Elegance, importance and sensitivity. In its purest form its use is limited to royal or historical significance.



Greys & Neutrals
Safe colours that are generally used to provide a background to accent colours.



Colour for Wellbeing

Colour can be particularly useful in the healthcare sector. We all know that hospital surroundings play a major part in a patient's recuperation and wellbeing, but the careful selection of colour can aid recovery and ensure patients have a comfortable and relaxing stay.

However we should remember that healthcare environments are frequented by steady streams of visitors and are also places of work, therefore the use and choice of colour has to appeal to many groups of people and differing surroundings.



Colour for Access

Using colour is also essential in public and commercial buildings to ensure that partially sighted people can gain access and easily navigate with the minimum of 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). **See page 8 for more information.**

Colour is also invaluable in very large establishments such as shopping centres. Corporate colours can highlight specific retailers and immediately draw customers to familiar brands. Colour identification or coding of areas such as car parks, eating areas and other public facilities, helps visitors find their way around.

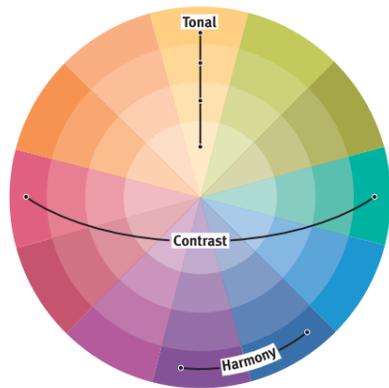
Creating Effective Colour Schemes

State-of-the-art tinting systems and colour matching technology has made the choice of colour in today's decorative industry endless. Thousands of colours are available in a comprehensive range of products and finishes.

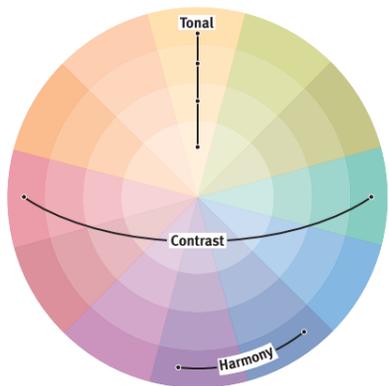
Choosing colour schemes for commercial properties such as schools, hospitals and offices demands a very different approach than when choosing colours for your home. But following some simple rules and ensuring you consider a number of key factors will help you to create the ideal colour solution.

Create a balanced scheme

The colour wheel shows which colours combine well, whether they are tonal, contrasting or harmonious colours.



Below is a pastel version of the colour wheel which illustrates colour combinations using lighter hues.



Tonal colour schemes are created using different tones of the same colour.



Contrasting colours sit opposite each other on the colour wheel.



Harmonious colour schemes can be created using colours adjacent to each other on the colour wheel.



Key considerations

When formulating a colour scheme, there are a number of things that should be considered before making a final decision.

- What colour is the room now?
- Is a completely new scheme required or is the existing scheme simply to be refreshed?
- Is a warm or cool scheme required?
- How will existing furnishings fit in?
- How will people react to the colour?
- Should certain colours be avoided?
- Does the room face north, south, east or west?
- Does the scheme need to aid partially sighted people?



Suggested colour schemes

To give you some guidance and provide you with suggestions of colour combinations, our team of Colour Consultants has created a number of schemes which are suitable for a wide range of commercial properties and situations.

The poster contained at the back of this brochure shows 22 ready-made colour schemes. A key indicates which colours are recommended for upper walls, lower walls, skirting and doors, and the poster highlights which schemes are ideal for north or south facing rooms.

If you would like advice and a colour scheme tailored to your needs, the Johnstone's Colour Consultancy can help. **See page 11 for more information.**



Colour Schemes for Partially Sighted People

An increasingly important issue when creating colour schemes for commercial projects or public buildings is the consideration of how easily and safely partially sighted people can navigate around the area. The Building Regulations Approved Document Part M provides guidance on the usage and access provisions that must be considered to meet the requirements highlighted in the Disability Discrimination Act.

When navigating an unfamiliar area the vast majority of partially sighted people will stop and take visual clues from the space around them. Colour and colour differentiation, when used correctly, can create a potential benefit. By following a few simple rules, a suitable colour scheme can be easily developed.

1/ Use contrasting colours

When choosing a colour scheme to meet the needs of partially sighted people, it's vital that colours not only complement each other but also provide a good level of contrast.

Imagine if a bright red and bright blue were photocopied in black and white. The colour differential in the shade of grey between these two bright colours would be nominal. Do the same with light and dark blue, and the difference between the shades of grey would be significant. As many partially sighted people rely on visual clues to navigate an unfamiliar area, such colour contrasts play a vital role, as using colours of the same tonal value may appear to be the same.



2/ Consider light reflectance values (LRVs)

To ensure that sufficient contrast of colour is achieved for critical surfaces such as floors and walls that are adjacent to one another, understanding Light Reflectance Values (LRVs) is important. The LRV of a colour relates to the amount of visible light that is reflected when illuminated by a light source but it also tells you how much light that particular colour absorbs. On a scale from 0% to 100% where zero is assumed to be an absolute black and one hundred to be a perfectly reflective white, it is recommended that there is a difference of approximately 30 points between colours on critical surfaces.

To facilitate easier colour selection, the Johnstone's fan deck states the LRV of all colours.



3/ Identify key features

It is also important that other features of a room are easily identifiable. For example, there should be sufficient contrast between the walls and the ceiling so that the person can better understand the size and height of the room. Other features that should be highlighted through the use of contrasting colours include any exposed edges to sloping floors, seating, doors and door furniture, sanitary fittings and grab bars as well as electrical sockets and light switches.

4/ Ensure good lighting

As both natural and artificial light can affect colour in different ways, another important factor to consider when creating a colour scheme is the way in which a room is illuminated. For example, fluorescent lighting can make certain colours appear harsh or cool whereas daylight can create glare. Ensuring that lighting is bright and even will help create a more accessible environment. Consideration should therefore be given to replacing unsuitable sources of artificial lighting.

5/ Choose the right finish

As well as considering colours, the choice of paint finish also has an important role to play. As shiny surfaces can cause confusion when partially sighted people are trying to navigate unfamiliar areas, a matt or mid-sheen paint finish should be used to maximise the benefits of colour contrast. Designs should also be kept as simple as possible and the use of mixed, confusing patterns or stripes avoided.

Example colour schemes

To give you some examples of colour schemes that are suitable for partially sighted people, see the leaflet inserted in the pocket at the back of this brochure.



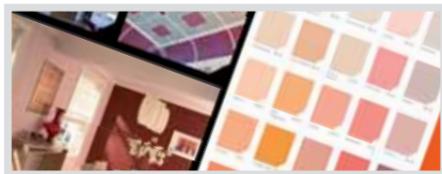
A World of Colour from Johnstone's

With the ever changing trends in colour and the increasing sophistication of customer requirements, the state-of-the-art Johnstone's tinting and colour matching systems offer customers and specifiers an almost unlimited choice from the colour spectrum.

Johnstone's colour collections

Johnstone's Colours

The collection of Johnstone's colours has been arranged by colour family to help you find just what you are looking for. If you can't find the exact shade you require, the Johnstone's tinting system offers a further 15,000 colours.



Inspired Collection

The Johnstone's Inspired collection features an elegant palette of the most enduring shades and tones that have been specifically chosen to help transform any project into an instant classic.



Woodworks

Johnstone's Woodworks products are available in a wide range of colours to enhance the natural beauty of wood.



Recognised colour systems

NCS

NCS (Natural Colour System) is a logical colour order system based on man's perception of colour. With NCS, all surface colours imaginable can be described and allocated an unambiguous colour code. Johnstone's has worked closely with NCS for many years to bring you an extensive collection selected from the NCS range of colours.



RAL

The RAL system is a 4-digit system which created a uniform language for colour. It standardised, numbered and named the abundance of colours and the standards are easily understandable and applicable worldwide. The RAL collection contains safety and signalling colours and fulfil the requirements of the DIN regulations.

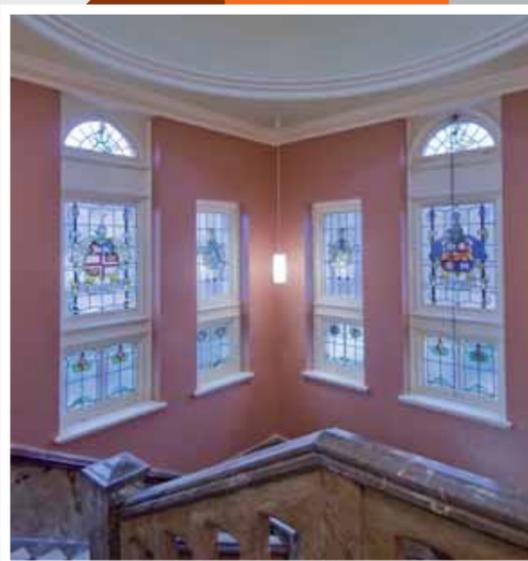


BS 4800

The BS 4800 range is a collection of 100 paint colours for building purposes which are included within the British Standards framework BS 5252:1976. The framework specifies these selected colours as the source for all building colour standards and the means of co-ordinating them.



To request a copy of Johnstone's colour cards, please e-mail your details to us at specifiers.acuk@ppg.com or call 0800 023 2170.



Johnstone's Colour Consultancy

If you need help and advice with selecting a colour and developing a colour scheme for your project, the Johnstone's Colour Consultancy is here to help.

Colour schemes to meet your needs

Working from your brief and by undertaking project visits, our experienced team of Colour Consultants will recommend colours and propose a bespoke colour scheme to meet your requirements.

Colours and colour schemes can be presented to you in a number of different formats, from a simple laminated sheet showing recommended colours to a detailed colour scheme document suggesting premium quality Johnstone's products in addition to colours for each area of the project.

For more information or to speak to one of our Colour Consultants, please call 01924 354103.

Do you have a particular colour in mind?

Our unique colour matching service means we are able to match to any sample of paint, fabric, wallpaper and even tiles. Perfect for when you want the colour "just right".

Colourful Case Studies

Johnstone's adds colourful highlights to Lowlands

Designed by one of Liverpool's founding Victorian architectural fathers, former home of the Inland Revenue and one-time Merseybeat music venue, Lowlands, a Grade II listed mansion located in the West Derby area of the city, boasts a vibrant cultural heritage which has now been preserved for future generations following the successful completion of an extensive £1.2 million refurbishment programme.

Recreating the authentic 1840s colour scheme was one of the greatest challenges and as Donna Taylor, Johnstone's Colour Consultant explains, the use of modern technology proved invaluable.

"The restoration project has been ongoing for over two years and in that time, there were many changes made to both the paint specification and colour schemes in order to recreate a period feel right down to the smallest of details", says Donna. "Through the use of Johnstone's innovative tinting machine, which enables over 15,000 different colours to be created, the house's traditional appearance and Victorian pastel interior colour scheme was successfully replicated."

Commenting on Lowland's newly restored décor, Stephen Guy from the West Derby Community Association said: *"The colours that Johnstone's has provided for the restoration of Lowlands are inspirational and as well as capturing the spirit of the property, the nature of the products themselves will help to keep the property looking its best for longer. The help that we received from Johnstone's colour consultancy has been invaluable and we are absolutely delighted with the results."*

Johnstone's Products Used:

- Stormshield Pliolite Based Masonry Finish
- Stormshield Flexible Undercoat and Gloss
- Acrylic Durable Matt
- Acrylic Satin
- Premium Contact Matt



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.

With hygiene standards paramount, appointed decorating company Westdex Ltd of Plymouth was tasked with identifying a paint finish able to withstand rigorous cleaning regimes whilst at the same time 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 based 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."*

Helping to create a warm and welcoming environment, strong shades of red and orange have been used to add interest to accent walls in the corridors and walkways.

Johnstone's Products Used:

- Acrylic Durable Matt
- Professional Gloss & Undercoat



Colour Trends Forecasts

By looking ahead at future interior trends, we have a credible knowledge of colour within the UK paint market. Our trends are derived from in-depth specialist research utilising references from international trend services, trade fairs, books and magazines. This combined with our experience in analysing the evolution of trends provides exciting colour inspiration for any home or commercial environment.

With a holistic approach we are inspired by exciting designs and innovations in architecture, automotive, fashion, furniture and textiles. By considering social, political and economic factors we can understand why colour and design is changing and how this may impact on our decorating and lifestyle behaviors. Finding the common messages from all of these sources creates the strongest themes for each season.

Shown as four trends stories in a cross section of styles, our colour trends provide inspiration for everyone!

To see the latest colour trends forecast, visit www.johnstonestrade.com



Contact Us

For more information on Johnstone's products and services...

Click
www.johnstonestrade.com

Call
0800 023 2170

Consult
Arrange a meeting with our dedicated Specification Development team. To find their details, visit www.johnstonestrade.com or call **0800 023 2170**. Alternatively, e-mail us at specifiers.acuk@ppg.com



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* Although every effort is made to ensure accurate colour representation due to the limitations of the printing process, the colours in this brochure may not be true representations of the actual colours and are meant as a guide only.

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**coatings
care**



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