

HEALTHCARE COLOUR BOOK



It's not just paint.
It's personal.®

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THE POWER OF COLOUR

The philosophies and methodologies informing the choice and application of colour in any environment are many and varied.

Colour, in addition to interior form, light, space and texture, is a major design element that can be used to create an enriched health environment.

Externally, colour can be a means of contextualising a building amongst others, or be used to define its form distinctly from others. Internally, colour has a large role to play in the demarcation of spaces and the definition of their purpose. Of course, it can also be used to create mood or, conversely, neutrality where other elements of the design are brought to the fore.



WHO WE ARE AND WHAT WE DO

Crown Paints is a British based decorative coatings company with a history of innovation stretching back for over 200 years. We believe passionately in innovation and customer focus as key constituents of a healthy business. The solutions we offer for effective paint specification – and the way in which we deliver them – stem from corporate self-belief that, where Crown is concerned, “it’s not just paint... It’s personal”.

A cornerstone of our business philosophy is a mission to provide our customers with products that enhance, protect and sustain, and to do so at minimal environmental cost. As part of our earthbalance® sustainability programme, we measure the carbon footprint of every one of our products to establish a benchmark from

which we can make *measurable* reductions and, as far as we know, we are still the only manufacturer in our industry to do so. Our portfolio footprinting model can assist clients in making informed decisions about sustainable specification.

Continuous research and development enables us to combine new and alternative raw materials to create efficient and sustainable products, ensuring that Crown Paints brands remain at the leading edge of paint technology.

In 2011 we became part of the Hempel Group, one of the world’s leading coating suppliers for the decorative, protective, marine and container markets. This has extended Crown’s specialist coatings offering with protective paint systems developed for wind farms, bridges and steel framed buildings.

For more information, call our Specification Services team: **0845 034 1464**, or email them: info@crownpaintspec.co.uk

HEALTHCARE COLOUR BOOK

Crown Paints brings a wealth of technical and aesthetic know-how to the production, specification and selection of paints, along with system solutions for all interior and exterior decorative situations.

Crown Trade is one of the most widely used professional coatings brands in the UK and offers the optimum blend of product quality and aesthetics. Our products have been specially formulated for professional application, to ensure you get a long lasting, durable and attractive finish.

The colours shown here are available in most Crown Trade products from the conventional finishes such as Matt Vinyl, Silk Vinyl, Full Gloss, Mid Sheen, Satin Finish, Eggshell and Acrylic Eggshell to the high performance Clean Extreme Scrubbable Emulsions and our Steracryl hygiene range. Many colours are also available in the Crown Trade Timonox range of flame retardant coatings.

This colour library is made up of eight different colour palettes and each palette has been created to flow through the key areas within a healthcare/hospital setting: reception/entrance areas, waiting rooms, corridors, stairways, treatment rooms and wards.

Using one palette throughout ensures maintenance is low key and easy to manage, especially when storage space is limited. The palettes can be mixed should a greater choice of colour be required.

This library has been designed to take the hassle out of choosing colour, offering inspiration for the decorating project. However, while suggestions and guidelines are proposed, the possibilities for colour schemes are endless.

We take every effort to ensure that colours are shown as accurately as possible, however, due to print limitations, the colours shown here may not exactly match the paint colours and do not represent a particular texture or finish. Please ensure that paint colours are checked prior to application. The Crown Paints Colour Service recommends samples are ordered from the Customer Relations Team on 0845 389 9583.

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EQUALITY ACT

The Equality Act was introduced in 2010 and it brings together and replaces all previous anti-discrimination laws such as the Disability Discrimination Act 1995.

The Equality Act places a duty of care on all organisations in Great Britain that provide a service to the public or a section of the public, and those organisations providing goods and services, so that they take reasonable adjustments to ensure that disabled employees or users of their services (customers) are not at a 'substantial' disadvantage in comparison to employees or customers who are not disabled.

It is important to note that the Equality Act is about people and equal opportunities and it does not contain any performance-based or technical specifications for buildings, facilities or environments.

In terms of the physical, built environment, guidance on what may constitute reasonable provision for disabled people can be obtained from several sources, the main ones being BS 8300:2009+A1:2010 'Design of buildings and their approaches to meet the needs of disabled people – Code of practice', and Building Regulations 2010, Access to and Use of Buildings, Approved Document M.

For projects where due consideration to the needs of visually impaired people is required, the BS 8300:2009+A1:2010 stipulates that sufficient visual contrast will be achieved if the difference in Light Reflectance Value (LRV) between adjacent critical surfaces, such as walls, ceilings, doors and floors, is 30 points or more. In some instances, it reports evidence that sufficient illuminance around 20 points might be acceptable.

With the Crown Paints Scan colour codification system, the middle two digits of the colour code show the light reflectance value of a colour.



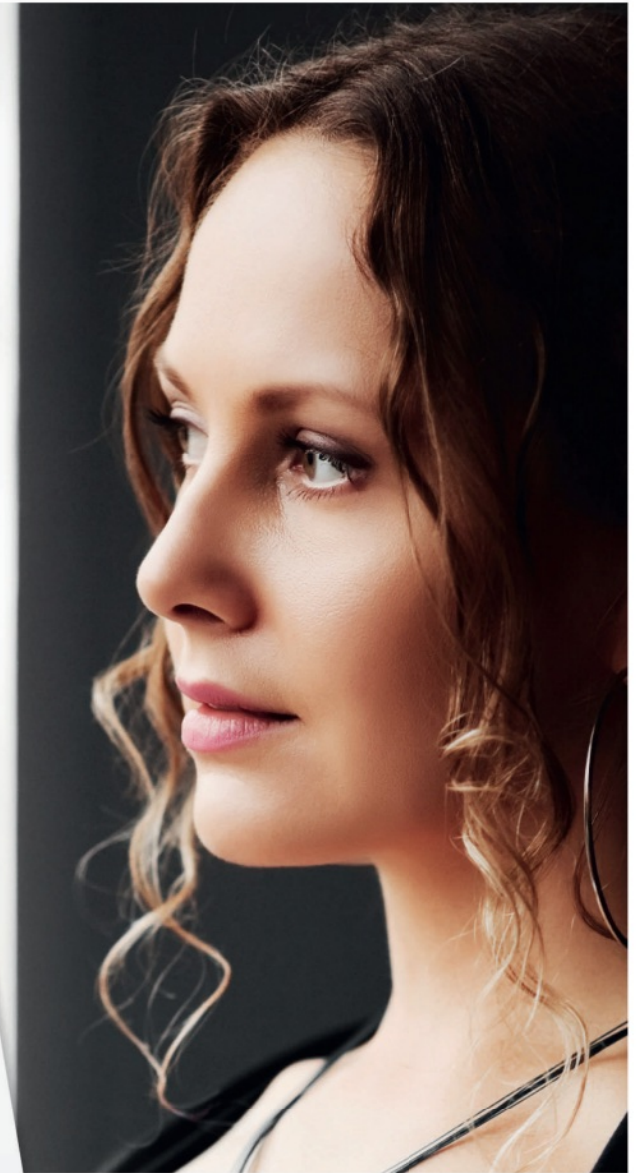
SCAN® is the name for Crown Paints' colour codification system, in which colours are scientifically measured and assigned a unique 6-digit SCAN® code. SCAN® codes are presented in a logical, easy to understand format.

K2 69 0K
Hue Lightness Saturation

HUE - THE COLOUR
We have divided colour into 24 segments represented by a letter of the alphabet excluding I and O. Each of the 24 segments is further broken down and given a numerical value from 0-9. This provides 240 possible hues.

LIGHTNESS - a measurement of the reflection of light, with 0 being the darkest and 99 being the lightest.
The Equality Act 2010 suggests differentiation in lightness between significant surfaces and features, to assist navigation.
This can immediately be determined using the middle digits of the SCAN® code.

SATURATION - the richness of the colour. The less saturated the colour, the duller and greyer it appears. SCAN® will allow a differentiation of 240 levels or in percentage terms less than 0.5%.



INCLUSIVE COLOUR

Inclusive Colour

With a growing number of people in the UK known to be visually impaired - this trend is consolidated by the country's ageing population - it is critical that specifiers develop a greater understanding of visual impairment, and specifically how impairment can affect a person's perception and way-finding behaviour.

It has been proven that the visually impaired find it much easier to differentiate a tonal difference between colours (light against dark or vice versa) than between different colour hues such as red and green.

When providing inclusive colour schemes, adjacent colours should vary in lightness by 30 points or more. This is very easy to achieve using our Crown Trade fandeck and should not be perceived as being a restriction on interior design. It is easy to create a wide range of inclusive colour schemes for the visually impaired that meet regulations and which are aesthetically pleasing for everybody.

Critical Colour

Contrasting colours by luminance can be used to highlight separate zones and objects within a space, creating a structure and hierarchy that a visually impaired person can quickly grasp, acclimatise to and function within.

Understanding the size and shape of a space for the visually impaired is less of a subconscious process than it is for the fully sighted. When entering an environment, people considered visually impaired rely on their residual vision to seek visual clues, firstly scanning the upper wall and ceiling (the least cluttered areas of a room) to establish its dimensions.

Having gathered this information, the visually impaired tend to look for contrast between large or 'critical' areas. Therefore, intelligent colour contrasts between ceilings and walls, floors and walls, as well as between doors and architraves can help make an environment easier and safer to navigate.

Creating Contrast

The critical element to remember when creating visual contrast for a colour scheme is to ensure that adjacent colours on critical surface areas vary in luminance (tonal contrast) by 30 points or more.

With Crown Paints' SCAN® colour codification system the middle two digits of the colour code show the luminance of a colour.

Luminance is the proportion of useful light reflected by a colour in daylight. The greater the luminance, the lighter the colour.

Luminance is calculated on a scale from 0 - 100, where 0 is a perfect black, or total absorption of light, and 100 is a perfect white, or total reflection of light. In reality, white paint has a light reflectance value of 90 points.

A difference of 30 points in luminance is considered to be adequate to distinguish between two surfaces, although the bigger the difference, the stronger the contrast will be.

To achieve effective colour contrast in practice, the design of an interior environment needs to be broken down and surfaces addressed individually. Key items such as handrails, switches and stair nosings should also be emphasised through colour contrast, with greater colour difference required for smaller items.

Better for All

By adopting the principles of colour contrast in this way, it is possible to make a real difference for people with visual impairments, and still create an aesthetically pleasing colour scheme. As contrast can be produced more subtly through varying luminance, the result is a colour scheme that is both practical and desirable to those with normal vision. This allows architects, designers and specifiers to create inclusive environments that fully embrace the concept of access for all, without compromising the interior design of a building.

For further information contact the Specification Services team on **0845 034 1464**.



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COLOUR DESIGN FOR HOSPITALS



Introduction

Hospitals are extensive; they provide a place of care, a place of work and even a place of study for a wide variety of users. Patients, visitors and staff, the very young to the very old, people from various ethnic and cultural backgrounds all use the facilities, and each have different requirements.

It is a common occurrence for people visiting hospitals to be in a highly emotional state, whether visiting for personal reasons or accompanying friends and family. It is important therefore for the environment to be welcoming, efficient and reassuring. In the design of healthcare facilities, medical professionals and architects are taking a more holistic approach, realising fresh air, natural light, references to nature and peaceful surroundings are beneficial to patients and staff wellbeing. In turn recovery time can be improved. A children's hospital or ward should be bright, friendly and colourful to make the visiting experience as comfortable as possible.

Hospitals vary in size; some are vast and comprise of a number of buildings where others may be specialised and smaller in size. Each facility should be assessed on an individual basis and the factors such as when it was built, scale, layout, function, visitors and existing furnishings should all be taken into consideration.



A Practical Approach

Hospitals often use colour to zone areas. This can be achieved through colour coded floor plans or guide maps. Signage can then be coloured in a corresponding colour; this enables visitors to find end locations more easily. In addition to strongly coloured sign posts, walls can be flooded with colour specific to the zone area. A diluted softer tone can be used if large areas are to be covered. Another approach is to use a base colour all over the hospital, with neutral tones such as grey, cream or stone, with blocks of a more saturated colour to highlight a specific area. Colour can be applied in bands, blocks or stripes to create a design feature as well as a way-finding solution. Feature walls in the entrance/reception area can also highlight a certain ward using colour by association.

It is a good idea to create a palette to use around the healthcare facility. A limited number of colours is practical for maintenance and it encourages fluidity through the building however it is important to achieve a balanced scheme. Too few colours can be monotonous while too many can be overwhelming.

It is helpful to imagine a three dimensional cube when considering an interior scheme to ensure all areas are covered; flooring, furniture, walls, ceiling and furnishings rather than two dimensional surfaces. A starting point when considering colour in the hospital environment is to select two or three base colours, light neutral shades either a cream, stone or a pale grey to be applied to large surface areas and then introduce accent hues to provide interest and contrast.





White is not necessarily a good choice for a base colour because although it can symbolise cleanliness it can appear too stark, under stimulating and it can also look cold in the wrong lighting.

Lighting

Lighting goes hand in hand with colour. Without light there is no colour and even the most well thought-out and planned colour scheme can appear unappealing if lighting conditions are not suitable to the environment. Hospitals are open 24 hours a day and so colour will be viewed in multiple lighting conditions. The original purpose of lighting was to enable people to see, and while this is still an important factor, the atmosphere created through careful lighting design is now also a focus for architects and designers. People benefit from a well-balanced, harmonious environment. Lighting is an important element in healing therapy, as it can have an emotional and biological effect on people. Lighting in healthcare has to have flexibility and meet specific requirements. A doctor will need lighting with good colour rendition to diagnose a patient, a surgeon will need to light specific areas, whereas ward areas and circulation areas require lighting to work around the clock: softer lighting in the evenings and night-time, and ideally natural light in the daytime.

Using light at specific times of day can promote a healthy sleep routine and help those working shift patterns by helping the body synchronise to a more natural rhythm of sleep. Warm lighting is flattering to most skin tones and this is encouraging for promoting a positive outlook with patients' recovery.

Key areas within a hospital

General Areas: Entrance Areas

A hospital entrance is normally visible from the outside and it creates the first impression. Entrance areas work well in welcoming, saturated shades and the introduction of outside/inside can also be applied through the use of plants or linking colours used on the exterior of the building. In a practical sense it is the first point of contact from the outside and when weather conditions are wet visitors will have wet shoes, umbrellas and coats. Floor matting in a similar colour to the flooring and a waterproof paint finish is advisable for the entrance area.

Reception Areas

The reception is where the visitor will initially go to for information or to book in for an appointment. A feature colour can highlight the reception desk area and make it clearly noticeable. If a colour zoning technique is being used then a feature colour that falls within the zoned area colour group should be used.

Waiting Areas

Waiting areas on the other hand are places where a more relaxed approach should be taken: people who are anxious may find strong hues overwhelming. For example, reds can increase heart rate and blood pressure so are not advised for a waiting area, a space where people have to be patient and wait for appointments. Chalky, less saturated colours work in these instances, with small proportions of bright colours to add interest and even a distraction.

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COLOUR DESIGN FOR HOSPITALS



Circulation Areas: Corridors, Stairways and Lift Areas

Navigation is key to circulation areas. It is where the Equality Act comes in to play (see page 4 for further information). Doorways, access areas and handrails should be clearly visible and a contrast between floor/wall and wall/ceiling can become a point of reference and aid way-finding. Colour zoning and signposting can help a journey throughout a building. Corridors can quite easily become a forgotten space, vast areas of monotony. Art work can break up large expanses and add a focal point that passers-by can focus on. It can also be a reference point and help to create a more hospitable environment. Any doors that are private or where access is denied can be disguised by painting the door the same colour as the walls.

Reds and strong colours should be avoided for those with epilepsy, autism and schizophrenia. Blues are not good for patients with depression but are good for calming anxious, agitated individuals. Gerard (1970) conducted a series of tests and found that shining a red light onto the subject's skin increased rapid eye movement, blood pressure and heart rate. The opposite happened with blue: slower eye movements and lower blood pressure occurred.

Strong pattern designs can cause confusion for people with dementia and those who are psychotic. Some patterns may even be intimidating and overpowering and therefore are best avoided.

Visual disorders associated with old age can result in ageing and yellowing of the lens, as well as a longer adjustment time to glare and darkness. Pastel colours can often be overlooked whereas mid-toned brighter colours are more noticeable and therefore appealing. Colour balance is essential in colour scheming to create an interior that is not only cohesive but visually appealing at the same time.

Nurses' Stations

Studies have shown that nurses prefer lighter, well-lit areas for short breaks but darker, low illumination areas for longer breaks during a night shift.



Patient Areas

Wards are where patients either await treatment or are recuperating from treatment, and they may spend a considerable amount of time there. Each ward area will have individual requirements. Window frames should be painted a light colour so as not to contrast greatly with day-time sky. High contrast can cause tension headaches, and the same applies to feature walls, contrasting against the remaining walls such as bright red against stark white.

Skin colour can be a vital cue for assessment, so ensure the wall colour near the patient's bed does not reflect light and colour the skin. New born babies and those with liver disease present yellowing of the skin whereas those at risk from low oxygen levels may have a blue or purple tinge to their skin.



Specialist Medical Areas:

Treatment Rooms, Operating Theatres, Laboratories and Consultation Rooms

Mid to light tones are beneficial with well-lit areas where attention to detail is paramount. In operating theatres, surgeons will be focused for a period of time on blood red; when the surgeon looks away an afterimage effect occurs and the opposite colour is seen. In this instance the colour will be blue/green and so gowns and walls benefit from being coloured in a blue/green colour to help reduce eye strain.

Children's Areas

A hospital can be a daunting place, especially if a child is the patient. Colourful schemes and painted murals can be appealing, even reassuring, and create a focal point. There are many innovative examples of architecture and design for children's hospitals ranging from interactive wall art, lighting displays and sculptural installation that would not look out of place in a theme park. In this book, for each colour palette, we have included a mural design that can be up-scaled and applied to a wall area. Colourful designs add colour and move away from the traditional, institutionalised healthcare facility. The murals are not age-specific as adolescents may feel patronised if schemes are seen to be childish.

In Summary

- Natural light, references to nature (either garden views or pictures) and fresh air are beneficial to patients and staff alike, and can aid recuperation.
- Lighting design should be flexible and allow for luminance levels to suit a 24 hour time period.
- Tonal contrast should be used to highlight critical surface areas and colour can be used for colour zoning or to create a particular atmosphere, and move away from an institutionalised feel.
- Each area should take into account the specific functions and colour chosen accordingly.
- Children's areas should be friendly and colourful without being overly childish for adolescents.

The best place to view colour is in-situ as there are many factors to account for: current decoration, soft furnishings, scale and size of space, quality of lighting, and whether there is daylight, artificial light or both. Colour should be chosen from larger samples if possible – paper samples can be requested from the Crown Trade Customer Relations team on **0845 389 9583** or wet samples from a Crown Decorating Centre.



COLOUR AND DEMENTIA

What is Dementia?

Dementia is a term used to describe a collection of diseases of the brain such as Alzheimer's, Vascular Dementia and Dementia with Lewy Bodies.

Initial symptoms of dementia are very subtle but gradually worsen to cause problems with daily living; memory loss, problems with reasoning and communication skills, and a reduction in a person's abilities and skills in carrying out daily activities such as washing, dressing and cooking.

Dementia occurs mainly in people over the age of 65, however it is not a natural part of the aging process.

Creating an accessible interior can help people with dementia remain as independent as possible for as long as possible. Ultimately, attentive care will become more relevant than good design but nevertheless good design does play an important role. As with designing and adapting interior spaces to be user friendly for the elderly, many of the same adaptations and practical ideas can be adopted to make living spaces safe and enjoyable for a person living with dementia. Naturally, as people age, ailments such as sight and hearing loss, as well as mobility and balance problems, become common, but a person suffering with dementia may not identify having these problems and therefore

may find themselves less able to seek changes to their environment appropriate to their particular needs.

The Impairments of Dementia

The common impairments of people who live with dementia for which good design needs to compensate are:

- Impaired sight
- Impaired hearing
- Impaired memory (especially recent memory), reasoning and learning
- Perceptual problems

Impaired Sight

As well as taking into account good tonal colour contrast, addressed on page 5, good lighting contrast is also necessary. Before considering any addition of artificial light, the amount of natural daylight should be maximised. This might mean pulling back curtains so that they're well away from the window frames, and removing blinds or obstacles outside the window which block natural daylight. Inside the building any artificial light should ideally mimic daylight with a range of artificial lights (ceiling, centrally positioned lights and wall lights) to reduce glare and shadows. Ensure wall and floor surfaces are of a matt finish to avoid glare or high reflection.

Impaired Hearing

As people age, a general deterioration in hearing ability is common. People with hearing impairment and dementia need a quiet environment with special attention paid to acoustics. Measures should be taken to avoid or prevent sources of noise. Materials used within the building should absorb rather than reflect sounds which could add to confusion.

Impaired Memory, Reasoning and Learning

Sudden and dramatic changes to the design of a dementia sufferer's home or a complete change of their living environment may lead to disorientation. Day-to-day memory will be affected too, such as forgetting what happened earlier in the day. They may also struggle with communication and find themselves unable to follow the thread of a conversation. Impaired memory can lead to feelings of insecurity and confusion which can be overwhelming and trigger behaviour such as sadness, anger, or fright. As a result, sufferers may forget that they are subject to additional age related impairments such as hearing and sight loss.

Perceptual Problems

Visuo-perceptual problems are particularly prevalent in people with Alzheimer's and can result in misinterpretation of what is seen. For example, wavy lines on wallpaper or stripes within a carpet may appear to move. A change of tone in the carpet from room to room, from dark to light or vice versa should be viewed as a potential hazard, as the sufferer can perceive such tonal changes as steps or obstacles to navigate, or even a hole in the ground. Judging distances in space may also become difficult.

How can buildings be designed better to help people with dementia?

Entrance Areas

A porch or canopy into the building can help an individual's eyes adjust to the change between outdoor and indoor lighting levels. A reception area should be bright and welcoming with comfortable seating and lighting that guides the eye towards the most important elements, such as signs and way markers. Ideally, photographs should be placed on the walls depicting local landmarks to aid recognition and thus provide a sense of security to the dementia sufferer.



Corridors

It is important to adhere to tonal contrast between critical areas (as described on page 5) and pay particular attention to lighting. Ideally, floors should be carpeted to minimise injury from any falls. However, floorcoverings should be consistent in tone from the corridor to any rooms accessed by people with dementia, with no obvious visible barrier at the threshold which could be perceived as a physical hazard. Where different flooring materials meet, use textures and colours that are similar in appearance to encourage movement across the join. If possible try to avoid threshold strips which can cause people to stop or falter, as these too appear to be an obstacle. To avoid confusion for anyone with perceptual problems, patterned, striped or flecked carpet should be avoided. Although it is recommended that items such as doormats should be similar or identical in tone to the carpet it is better to avoid them altogether. As dementia progresses it can cause people to lose mobility and shuffle their feet when they walk; this combined with reduced vision can cause them to trip and fall over any uneven surface. Again choose matt, non-slip finishes and steer clear of any type of flooring with a sheen as this takes on the appearance of being wet and therefore slippery. In some instances contrasting textures and colours could be used to act as a deterrent.

Signs and Visual Aids

Signs & visual aids can usefully be adopted to help people remain independent for as long as possible. The use of pictures as well as words will help to illustrate a room's function. For example, the use of a clear, graphic illustration of a bed would depict a bedroom and is best attached to the door of the room rather than an adjacent wall. It is thought that using graphics as well as words assist understanding. Here, black or dark grey text on a yellow background is the easiest to see.

The University of Stirling suggests that signs should be mounted at a height of 1.2m above floor level because people with dementia tend to look predominantly downwards.

Doors

It is recommended that doors of identical appearance are not used throughout a building. Doors leading to areas with different functions should rather be made different in appearance. All toilet doors could be painted in the same bright primary shade for maximum visibility and aid orientation. There are theories that as these are the first colours (apart from black & white) we learn as infants, they are the colours we are most likely to remember.

Doors not to be used by the person with dementia should be made less visible. The door and architrave could be the same colour as the walls and handrails could be continued across the door to match corridor handrails. Likewise, kick-plates should match the door colour or be of clear plastic.

New contemporary styles of fixtures and fittings, in particular door handles and light switches, may be unintuitive and difficult to operate and further add to stress and confusion. Objects either have to be familiar to a person's past (to engage their long term memory) or be intuitive to use.

Ward Rooms

It can be helpful if the patient can view the toilet from the bed or at least a sign for the toilet. This may act as a trigger and remind the patient to use the toilet. If their stay is longer than a couple of nights, it may be helpful to have familiar objects nearby to help the patient recognise their space more easily.

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A PALETTE OF EMOTIONS

Colour acts to inform, persuade and warn through our behavioural, emotional and physical reactions to it. And whilst there remains much debate surrounding the psychophysiological effects of colour, colour plays a critical role in our everyday lives and there can be no disputing the fact that colour has a major effect on us.

How colours affect us will vary to some degree between individuals and will inevitably be influenced by several factors including, society, upbringing, culture and race. However recognisable patterns of colour responses have been identified and there are certain colours that are synonymous with generating a particular emotion and subconsciously drive us to take a particular action. It is clear that any strong colour will cause an immediate reaction that can be physiologically measured.

□ White

Positive: Hygiene, sterility, clarity, purity, cleanness, simplicity, sophistication, efficiency

Negative: Sterility, coldness, barriers, unfriendliness, elitism

■ Brown

Positive: Seriousness, warmth, nature, earthiness, reliability, support

Negative: Lack of humour, heaviness, lack of sophistication

■ Violet

Positive: Spiritual awareness, containment, vision, luxury, authenticity, truth, quality

Negative: Introversion, decadence, suppression, inferiority

■ Black

Positive: Sophistication, glamour, security, emotional safety, authority, efficiency, substance

Negative: Oppression, coldness, menace, heaviness

■ Blue

Positive: Intelligence, communication, trust, efficiency, serenity, duty, logic, coolness, reflection, calm

Negative: Coldness, lack of emotion, unfriendliness

■ Red

Positive: Physical courage, strength, warmth, energy, basic survival,

Negative: Defiance, aggression, visual impact, strain

■ Green

Positive: Harmony, balance, refreshment, universal love, rest, restoration, reassurance, environmental awareness, equilibrium, peace

Negative: Boredom, stagnation, blandness

■ Yellow

Positive: Optimism, confidence, self esteem, extraversion, emotional strength, friendliness, creativity

Negative: Irrationality, fear, emotional fragility, depression, anxiety

Before making a final colour choice it's worth considering the type of atmosphere that's required. Colours such as shades of red, orange and yellow are perceived as warm colours and thus increase the perceived temperature of a space whilst the opposite is true of true blues and blue shades of green.



HEALTHCARE COLOUR CHOICE

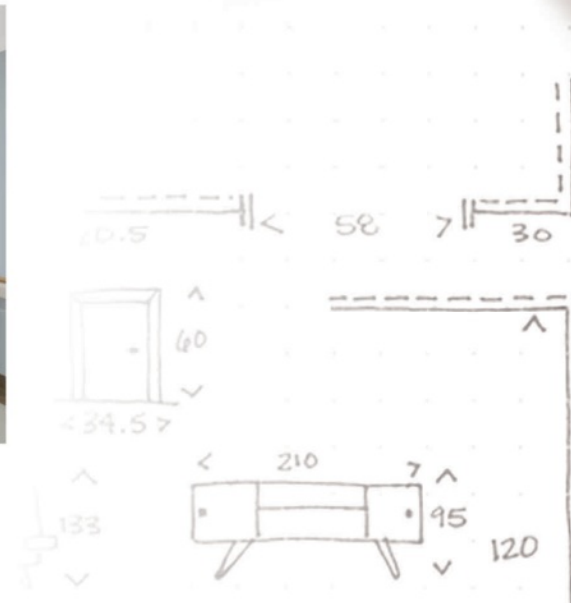
The Healthcare Colour Book has been produced to offer inspiration when choosing colours in a healthcare setting. Six key areas are highlighted; reception/entrance areas, waiting rooms, corridors, stairways, treatment rooms and wards.

There are eight individual palettes to choose from, each devised to flow through an entire healthcare facility for continuation and ease of maintenance. Colour schemes, however, can be selected from across the board.

Every palette consists of at least two base colours, colours that are light to mid toned and suitable for large broad wall areas. These are complemented with stronger or richer colours to add interest and create a well-balanced and welcoming interior space.

It has been recognised that fresh air, natural light, references to nature and peaceful surroundings are beneficial to patient and staff wellbeing, and these factors can help contribute towards a faster recovery time. Artwork and pictures are an ideal way to add elements of nature into an interior alongside a coordinating colour scheme. Harmonious and tranquil images therefore became the source of inspiration for the eight colour collections and these are shown on each introductory page.

A children's hospital or ward should be bright, friendly and colourful to make the visiting experience as comfortable as possible. Murals can brighten the walls and create a necessary focal point and ensure the surroundings are less intimidating. Mural designs using the colours within the palettes are illustrated and can be up-scaled to feature on a wall and achieve impact.



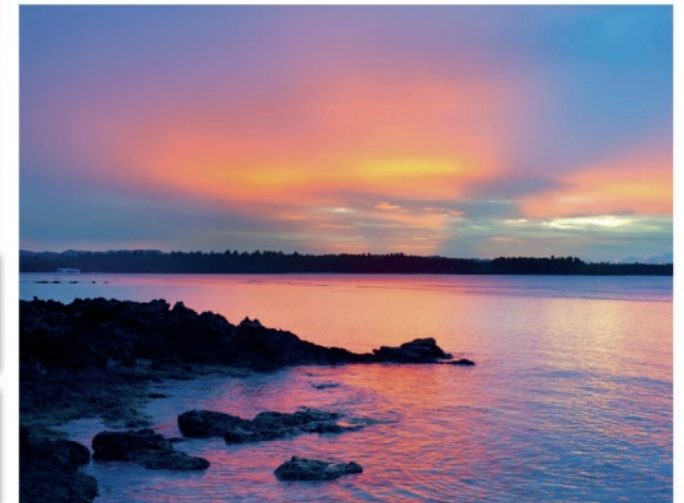
PALETTE

OPTION ONE

This palette is inspired by a dramatic sunset. Vibrant splashes of colour against a backdrop where the day is ending and the night begins.

A collection of soft muted neutrals highlighted with zesty, energetic feature colours to create an uplifting and welcoming interior.

Y5640G	PERIWINKLE	CROCHET	G9690R
T8173R	VICTORIAN ECLECTIC 10	Y8371W	J0323K
REGENCY 6			
D3690C			



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RECEPTION/ENTRANCE AREA, WAITING ROOM & CORRIDOR COLOUR PALETTE: OPTION 1



T8173R	
J0323K	
D3690C	
PERIWINKLE	
G9690R	
REGENCY 6	
Y8371W	
VICTORIAN ECLECTIC 10	

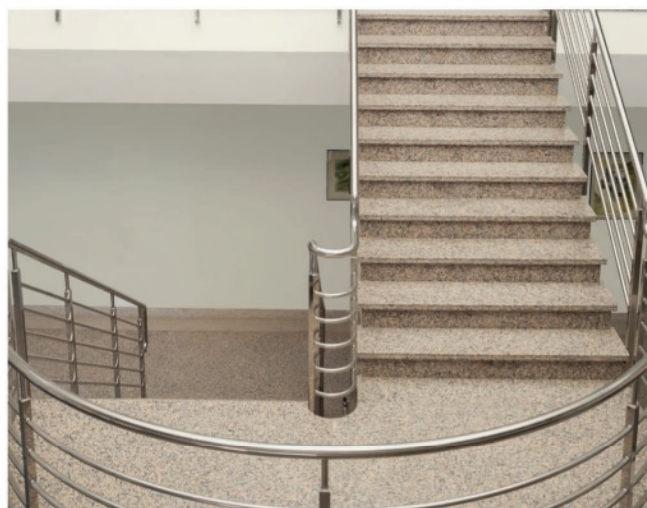
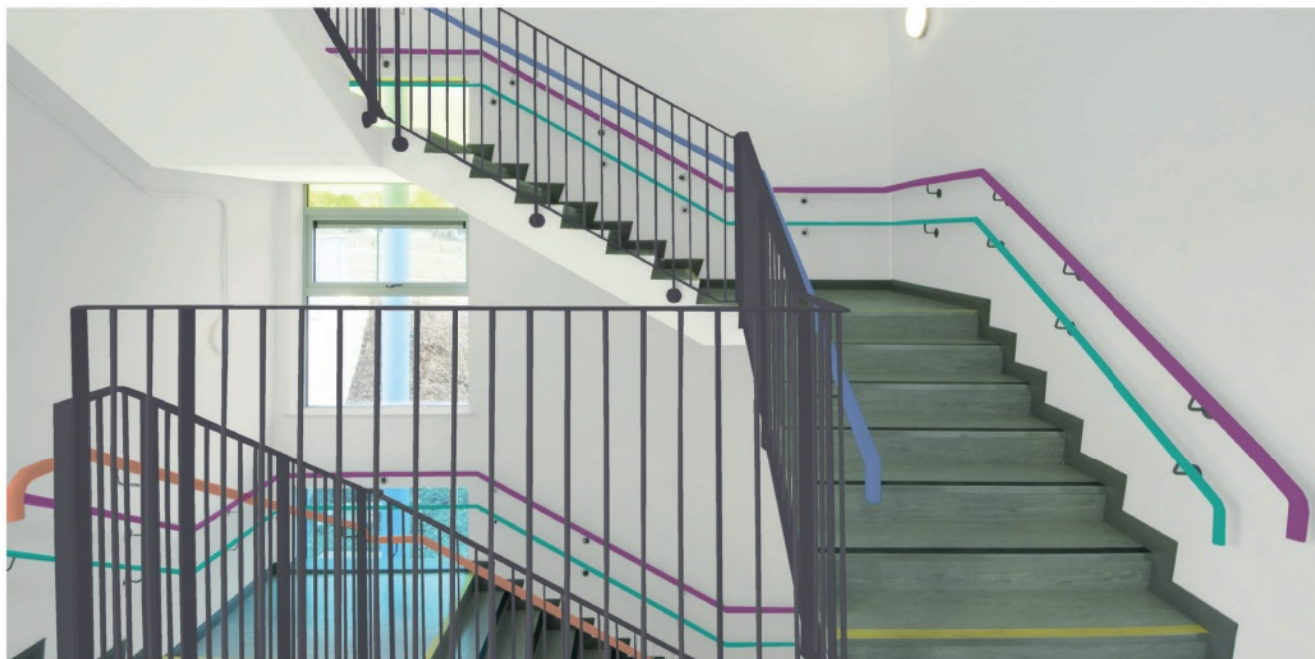
COLOUR PALETTE OPTION 1

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STAIRWAY COLOUR PALETTE: OPTION 1



VICTORIAN
ECLECTIC
10



T8173R



J0323K



PERIWINKLE



Y8371W



D3690C



G9690R



CROCHET



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TREATMENT, HOSPITAL & WARD ROOMS PALETTE: OPTION 1



D3690C

G9690R

VICTORIAN
ECLECTIC 10

Y5640G

CROCHET

REGENCY 6

COLOUR PALETTE OPTION 1

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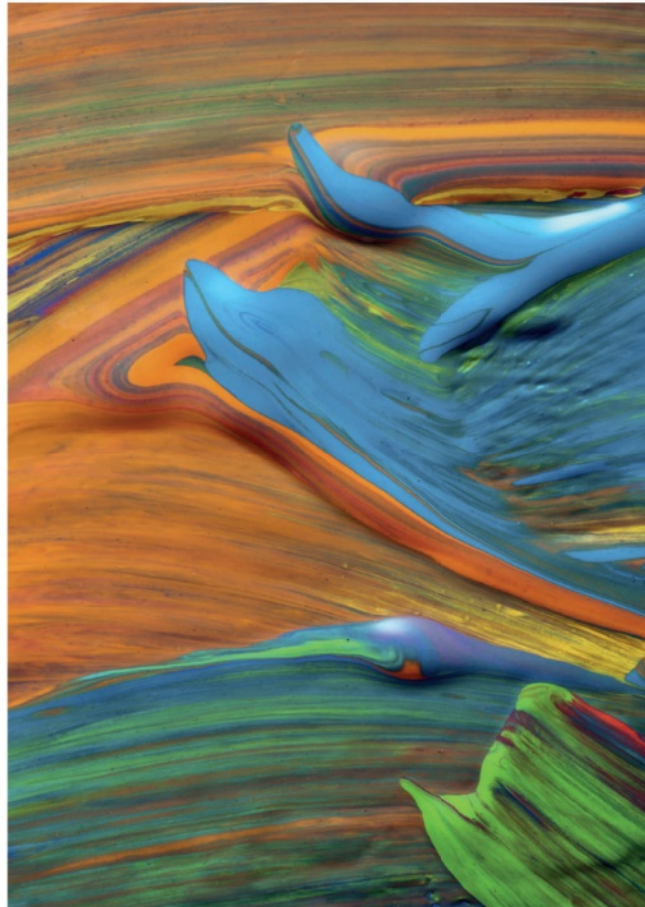
PALETTE

OPTION TWO

A colour selection reminiscent of lazy days spent at the seaside.

Hazy shades are complemented by stronger tones of orange and charcoal grey. These colours are perfect for achieving a mellow and relaxing atmosphere.

G9690R	FAITHFUL	K6540Z	Y8371W
D3491C	STEEL DRUM	C6801R	CROCHET
REGENCY 6			
D3690C			



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RECEPTION/ENTRANCE AREA, WAITING ROOM & CORRIDOR COLOUR PALETTE: OPTION 2



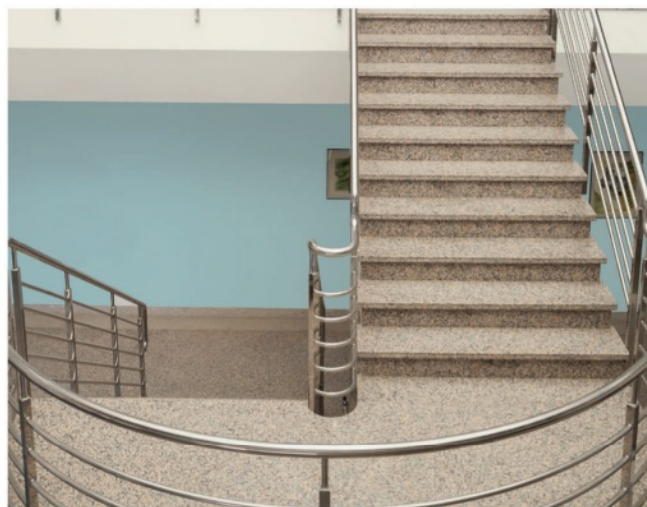
C6801R	
FAITHFUL	
D3690C	
REGENCY 6	
G9690R	
CROCHET	
D3491C	
STEEL DRUM	

COLOUR PALETTE OPTION 2

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STAIRWAY COLOUR PALETTE: OPTION 2



D3491C

D3690C

STEEL DRUM

REGENCY 6

Y8371W

K6540Z

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TREATMENT, HOSPITAL & WARD ROOMS PALETTE: OPTION 2



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COLOUR PALETTE OPTION 2

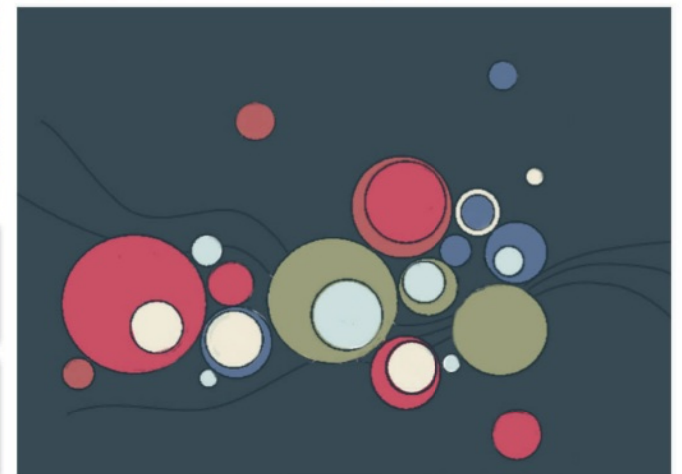
PALETTE

OPTION THREE

A bustling market street with exciting displays of colour is the essence of this palette.

Warm creams are mixed with rich berry tones, khaki greens and deep blues to form a warm and reassuring colour palette.

B8680R BELTHORN WHITE	T5540G	M0120V	K2690K
VICTORIAN ECLECTIC 13	C7371E	SUMMER PUDDING	VICTORIAN ECLECTIC 8
C5790L KNOWLE WHITE			
REGENCY 6			



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RECEPTION/ENTRANCE AREA, WAITING ROOM & CORRIDOR COLOUR PALETTE: OPTION 3



VICTORIAN
ECLECTIC
8

T5540G

C5790L
KNOWLE
WHITE

REGENCY 6

C7371E

M0120V

SUMMER
PUDDING

COLOUR PALETTE OPTION 3

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STAIRWAY COLOUR PALETTE: OPTION 3



VICTORIAN
ECLECTIC
13



C5790L
KNOWLE
WHITE



M0120V



C7371E



K2690K



T5540G



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TREATMENT, HOSPITAL & WARD ROOMS PALETTE: OPTION 3



B8680R
BELTHORN
WHITE

REGENCY 6

M0120V

T5540G

C5790L
KNOWLE
WHITE



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COLOUR PALETTE OPTION 3



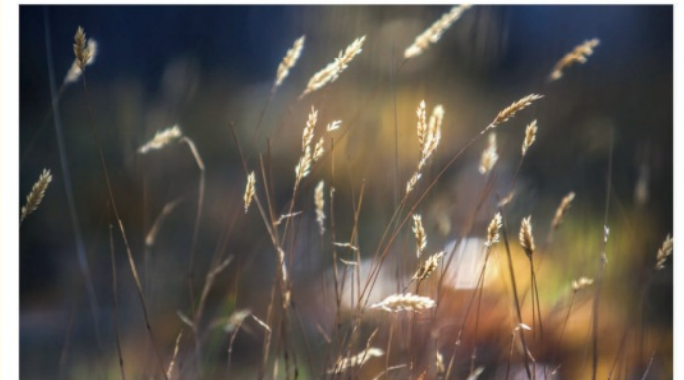
PALETTE

OPTION FOUR

Sunshine yellows are combined with sea greens to represent summer, fresh air, the seaside and holidays.

Off whites and creams ensure the colour schemes are well balanced and relaxing.

Q1281E	C6801R	H0691F
M0120V	SATIN JADE	B1692A
C5790L KNOWLE WHITE		
REGENCY 6		



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RECEPTION/ENTRANCE AREA, WAITING ROOM & CORRIDOR COLOUR PALETTE: OPTION 4



B1692A	
M0120V	
C5790L KNOWLE WHITE	
REGENCY 6	
SATIN JADE	
H0691F	
Q1281E	

COLOUR PALETTE OPTION 4

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STAIRWAY COLOUR PALETTE: OPTION 4



B1692A

H0691F

M0120V

C5790L
KNOWLE
WHITE

C6801R

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TREATMENT, HOSPITAL & WARD ROOMS PALETTE: OPTION 4



C6801R	
C5790L KNOWLE WHITE	
SATIN JADE	
D3690C	
REGENCY 6	
Q1281E	

COLOUR PALETTE OPTION 4

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PALETTE

OPTION FIVE

A contemporary collection of soft shades inspired by nature.

Coral pinks and mint greens sit against the deeper shades of stone and plum to result in a refined but revitalising collection of colours.

Y3551E	A8570U WHEATSTONE	E9680X
R8150V	C2722F	PALLADIAN 11
B4750K EDGORTH WHITE		
REGENCY 6		



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RECEPTION/ENTRANCE AREA, WAITING ROOM & CORRIDOR COLOUR PALETTE: OPTION 5



R8150V	
C2722F	
B4750K EDGORTH WHITE	
REGENCY 6	
PALLADIAN 11	
E9680X	
Y3551E	
A8570U WHEATSTONE	

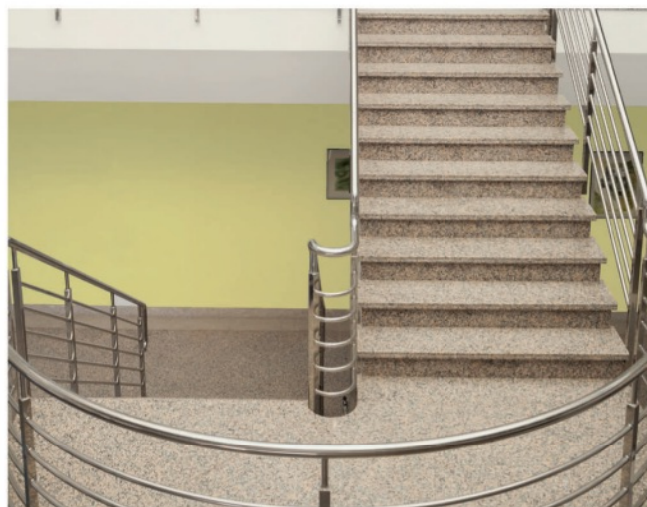
COLOUR PALETTE OPTION 5

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STAIRWAY COLOUR PALETTE: OPTION 5



R8150V

PALLADIAN
11

A8570U
WHEATSTONE

B4750K
EDGORTH
WHITE

C2722F

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TREATMENT, HOSPITAL & WARD ROOMS PALETTE: OPTION 5



PALLADIAN
11

REGENCY 6

B4750K
EDGORTH
WHITE

Y3551E

E9680X

A8570U
WHEATSTONE

COLOUR PALETTE OPTION 5

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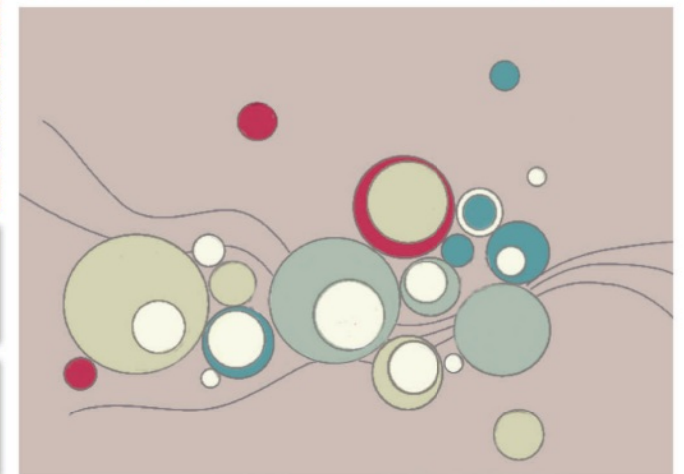
PALETTE

OPTION SIX

Soft shell pinks and off whites are teamed with neutral greys for a natural palette inspired by misty memories.

Hints of rose pink and teal brighten and pop against the subtle backdrop shades for a stylish and inviting interior.

Z2560G	C6660X HURST GREEN	RED DARK	C0420P CLOISTER
K4311Y	Y3350D	ART DECO 12	
B4750K EDG WORTH WHITE			
REGENCY 6			



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RECEPTION/ENTRANCE AREA, WAITING ROOM & CORRIDOR COLOUR PALETTE: OPTION 6



K4311Y	
Y3350D	
REGENCY 6	
WHITE	
C6660X HURST GREEN	
RED DARK	
Z2560G	
B4750K EDGORTH WHITE	
C0240P CLOISTER	

COLOUR PALETTE OPTION 6

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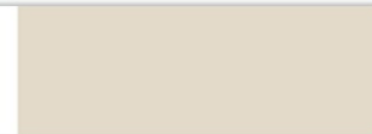
STAIRWAY COLOUR PALETTE: OPTION 6



C6660X
HURST
GREEN



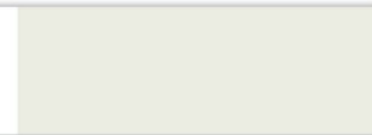
B4750K
EDGORTH
WHITE



Y3350D



REGENCY 6



ART DECO
12



Z2560G



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TREATMENT, HOSPITAL & WARD ROOMS PALETTE: OPTION 6



Z2560G

B4750K
EDGORTH
WHITE

REGENCY 6

ART DECO
12

C6660X
HURST
GREEN



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COLOUR PALETTE OPTION 6



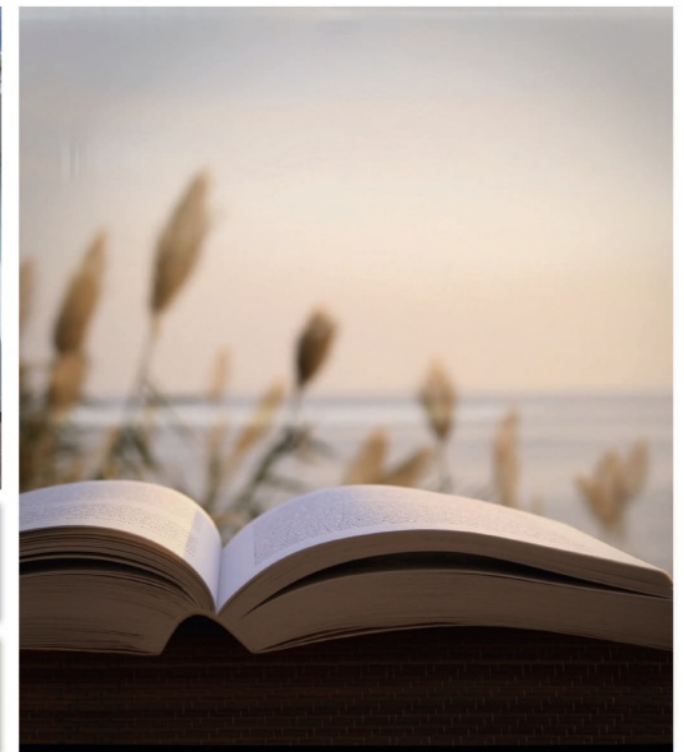
PALETTE

OPTION SEVEN

A harmonious palette of soft gentle hues for a relaxing and calming space.

Neutral greys and off whites are complemented with sage greens, lilac and lemon yellow.

S5601E	NEO CLASSICAL 10	FLAGON	G8530S
WHITE		N7350G	
B6830D			
C6801R			



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RECEPTION/ENTRANCE AREA, WAITING ROOM & CORRIDOR COLOUR PALETTE: OPTION 7



S5601E	
NEO CLASSICAL 10	
B6830D	
WHITE	
FLAGON	
C6801R	
G8530S	
N7350G	

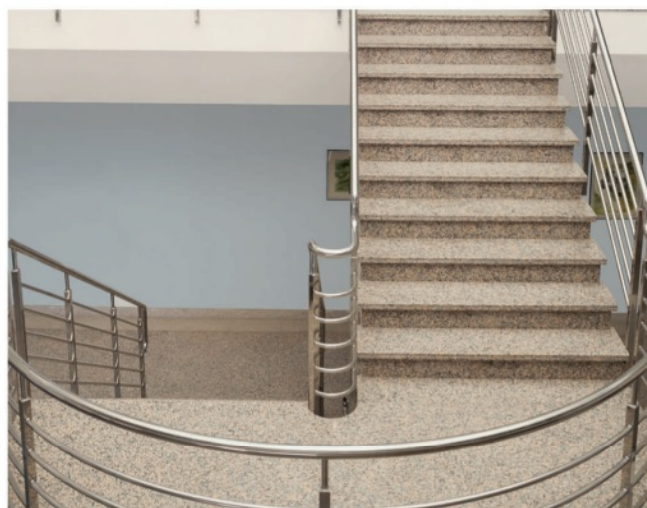
COLOUR PALETTE OPTION 7

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STAIRWAY COLOUR PALETTE: OPTION 7



S5601E	
FLAGON	
N7350G	
B6830D	
C6801R	
NEO CLASSICAL 10	

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TREATMENT, HOSPITAL & WARD ROOMS PALETTE: OPTION 7



NEO
CLASSICAL
10

S5601E

B6830D

G8530S



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COLOUR PALETTE OPTION 7



PALETTE

OPTION EIGHT

A subtle collection of colours.

A whisper of mint green and a hint of peach are combined with lavender, deep aqua and navy to create an elegant collection reminiscent of balmy summer evenings.

M0120V	NEO CLASSICAL 8	K6361H	C6660X HURST GREEN
ART DECO 6			
B6830D			
G6800L			



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RECEPTION/ENTRANCE AREA, WAITING ROOM & CORRIDOR COLOUR PALETTE: OPTION 8



NEO CLASSICAL 8	
M0120V	
ART DECO 6	
B6830D	
C6660X HURST GREEN	
G6800L	

COLOUR PALETTE OPTION 8

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STAIRWAY COLOUR PALETTE: OPTION 8



K6361H

ART DECO 6

M0120V

B6830D

G6800L

C6660X
HURST
GREEN

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TREATMENT, HOSPITAL & WARD ROOMS PALETTE: OPTION 8



ART DECO 6

M0120V

G6800L

NEO
CLASSICAL 8

B6830D



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COLOUR PALETTE OPTION 8

SERVICE SOLUTIONS



At Crown Paints, you won't find a 'one size fits all' solution; just a willingness to find the perfect solution for your needs and your budget.

Our range of hard working paint products are perfectly suited for the general rigours within healthcare facilities. Whether it be heavy footfall within corridors and stairwells, or the necessity for ultra clean surfaces within the healthcare environment, we've got specially formulated decorative products which give you the performance, aesthetics and cost effectiveness you need.

Our attention to detail is well known. Sustainable Smart Maintenance is all about using your budgets more effectively. By using the most appropriate and cost effective materials, even seemingly insignificant modifications can lead to big cost savings on your cyclical maintenance programmes.

Sustainable Smart Maintenance includes:

- Protecting high traffic areas
- Providing easy to clean environments
- Optimising maintenance budgets
- Meeting health and safety regulations

We like to think a big part of what separates us from other paint manufacturers is the service we give and the lengths we're prepared to go to to ensure that your decorative and protective needs are completely satisfied.

You can expect these services from Crown Paints to support your projects:

- Dedicated specification support
- Site visits including conditions surveys and flake analysis
- Full technical specifications and asset management programmes
- Training specifying clients and painting contractors
- Assessing climatic, atmospheric and environmental conditions to ensure correct specification
- Assistance in developing sound cyclical programmes to ensure optimum value
- Guidance in dealing with fire safety legislation and fire risk analysis
- Colour scheming advice
- On-going site support and setting key performance indicators



PRODUCT SOLUTIONS

Our team can provide you with detailed information for any of our products. Here we will give you an appreciation of the breadth of our product range and its ability to meet your every coatings specification need:



Sadolin Superior Professional Woodcare

Innovative formulations for new and previously coated wood, suitable for both interior and exterior use, providing either translucent or opaque finishes.



Sandtex Exterior Range

Durable and protective, for masonry and woodwork, Sandtex Trade high performance products can significantly lengthen maintenance cycles.



Crown Trade Steracryl Anti-Bacterial Scrubbable Emulsion

Scrubbable emulsions developed to assist in the fight against bacteria.



Crown Trade Clean Extreme Scrubbable Matt Emulsions

Tough finishes for high-traffic areas, that are highly durable and allow for repetitive cleaning without compromising their superb finish.



Crown Trade Timonox Flame Retardant Paint Systems

Offering Class 0 fire ratings for interior walls and ceilings, helping you fulfil your Duty of Care requirements for restricting flame spread.



Crown Trade Steracryl Mould Inhibiting Matt Emulsion

Offering mould inhibiting properties ideal for use in kitchens and bathrooms.

Specialist Products

Our product portfolio includes a number of special purpose products designed to offer particular benefits particularly in relation to human health and wellbeing. Our Specifier consultants will be pleased to advise on their correct application. Such products include a range of Steracryl hygiene products under the Crown Trade brand, ideal for situations where the development of mould might be anticipated, through to advanced anti-bacterial products for use in hospitals and in catering and food processing environments.

As an effective measure against spread of flame in buildings, our Crown Trade Timonox flame retardant coatings systems, used in a maintenance regime, can reinstate to Class 0 a substrate that has been downgraded by repeated application of conventional paints. For public buildings and houses in multiple occupation, the application of Timonox makes sound common sense and can mean the difference between successful evacuation in the event of fire and a much less favourable outcome. Timonox systems, by limiting the damage caused by flame spread, can also restrict costly damage to building fabric during the time it takes emergency services to get to the site.



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Telephone: 01254 704951 Fax: 01254 774414



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By Appointment to
Her Majesty The Queen
Manufacturers of Paints
Crown Paints Limited
Darwen, Lancashire



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