

Key Considerations for Stadiums

Football Stadiums 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 fans and players and help guide people around easily and safely, so specialist coatings and colour schemes for the partially sighted should be considered.	✓
Hygiene is extremely important in kitchens and food preparation areas, so the use of anti bacterial coatings should be a key consideration.	✓
Changing rooms are subject to high levels of moisture so paints should contribute towards the reduction of moisture and therefore the growth of mould.	✓
Exterior surfaces are subject to the harsh effects of the environment so paints need to provide long-lasting protection and be easy to maintain.	✓

Millennium Stadium, Cardiff

Leading paint manufacturer Johnstone's was specified for use in the redecoration of one of the world's most famous sporting venues - Cardiff's Millennium Stadium.

Project Overview

Selected to host at least eight football matches during the London 2012 Olympics, the Millennium Stadium underwent a major refurbishment programme and Johnstone's worked alongside the Cardiff branch of national decorating contractors Bagnalls to complete the redecoration of the landmark venue.

The extensive contract included the redecoration of the stadium's internal walls and floors, including yellow safety paint for all the steps within the stadium.

Microbarr, Johnstone's innovative new antibacterial coating was selected for use in the stadium's 12 medical centres and various other products from the Johnstone's Performance Coatings range were also specified.



Products Specified

- Johnstone's Microbarr Anti Bacterial Coatings
- Johnstone's Performance Coatings

Product 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/S	Low	Tough, durable, washable
Acrylic Eggshell	11-13	1-2	3-4	B/R/S	Low	Tough, washable, mid sheen finish
Covaplus Vinyl Matt	12-14	1-2	2-4	B/R/S	Low	Excellent opacity, resistant to fading and yellowing
Flame Retardant Acrylic Eggshell	10-12	1-2	4-6	B/R/S	Low	High quality, durable, flame retardant eggshell finish
Low Slip Concrete Floor Paint	14	2-4	16-24	B/R	High	Semi gloss finish, light aggregate for slip resistance
Microbarr Anti Bacterial Acrylic Eggshell	12	1-2	4	B/R/S	Low	Tough, durable eggshell finish - Silver Ion Technology
Microbarr Anti Bacterial Aqua Gloss	10-12	2	4	B	Low	Water based, odour free gloss - Silver Ion Technology
Performance Coatings Steel & Cladding Semi Gloss Top Coat	10	3-4	16	B/R	High	Durable, anti-corrosive semi gloss finish - UV resistant
Professional Gloss (2010)	16-18	4-6	16-24	B/R	High	Durable, high gloss finish - excellent opacity
Road Marking Paint	2.3-2.6	0.15	1	B	High	Fade resistant, rapid drying
Specialist Coating Micaceous Iron Oxide	11	4	16	B/R	High	Anti corrosive, water resistant coating resistant to harsh abrasion and UV
Stormshield Flexible Gloss (2010)	14-16	4-6	16-24	B	High	Exterior, flexible, durable, high gloss finish
Stormshield Pliolite Based Masonry Finish	6-10	1-2	16-24	B/R	High	Can be applied in temperatures down to -5°C - showerproof in 20 mins
Stormshield Self Cleaning Masonry	10	1-2	12	B/R	Low	Self cleaning masonry finish
Two Pack Epoxy Solvent Based Floor Coating	7-10	0.5	16-24	B/R	High	Semi gloss abrasion and impact resistant finish
Two Pack Epoxy Water Based Floor Coating	5-7	4	24	B/R	Low	Non-flammable, low odour, semi gloss finish with a highly resilient film
Two Pack Epoxy Water Based Wall Coating	5-7	4	2-4	B/R	Low	Low odour semi gloss - resistant to chemical attack and abrasion
Woodworks Quick Dry Polyurethane Varnish	18	1	4	B	Low	Hard wearing, water based varnish
Woodworks Satin Woodstain	15	2	16-24	B	High	Smooth, microporous, satin finish

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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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www.johnstonespainttrophy.com



Bringing colour to the beautiful game

Uniclass L682	EPI E61
CISIB	
	Vv

JOHNSTONE'S

Paint Solutions for  Stadiums



Excellence
in paint
since 1890

JOHNSTONE'S



Bringing colour to the beautiful game

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 120 years of experience and expertise, our products are highly regarded by both trade professionals and the general public.

The Johnstone's professional range includes both interior and exterior finishes, advanced technology, performance coatings and woodcare solutions. As part of this comprehensive range we have products formulated to suit all kinds of substrates.

The advanced technology of Johnstone's market leading tinting system means that products are available in up to 16,000 colours. The paints are mixed using the best quality pigments for rich unfading colours and formulated for easy application.

Johnstone's products are available nationwide from our network of nearly 200 decorating centres where we also supply an extensive range of wallcoverings and the market leading Fat Hog range of decorating sundries.

Choosing the best products for stadiums

As proud sponsors of the Football League Trophy Johnstone's is pleased to be able to recommend and provide paint solutions that meet the specific needs of stadiums.

To ensure that decoration continues to look great after application and lasts as long as possible, it is essential to select the most appropriate products and finishes. Stadiums are subject to high levels of traffic, so highly durable products that can withstand regular cleaning regimes are essential.

Specialist paint systems can help to ensure that buildings meet regulatory requirements. The use of Johnstone's Flame Retardant systems can contribute towards the guidelines within the Regulatory Reform (Fire Safety) Order 2005. Using Johnstone's Microbarr Anti Bacterial Coatings can contribute towards health and safety requirements where hygiene is a key consideration.

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



Click:
www.johnstonestrade.com



Call:
0800 023 2170



Consult:
Arrange a meeting with your local Specification Development Manager by calling 0800 023 2170 or emailing specifiers.acuk@ppg.com

Recommended Paint Solutions for Stadium Interiors

Internal Walkways, Concourse

Creating the right environment

Surfaces need to withstand tough demands and conditions, whilst creating an environment filled with energy.



Floors

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

Breeze Block Walls

- Acrylic Eggshell
- Flame Retardant Acrylic Eggshell

Doors, Trim

- Professional Gloss System

Suggested colour combinations

Use bold colours to facilitate navigation and highlight key areas.

Broad Walls		
0903-Y40R	S 0507-Y40R	S 0500-N
Feature Walls		
S 2030-R80B	S 2030-Y30R	S 1030-Y20R
Doors		
S 4050-B	S 4050-Y90R	S 4050-Y50R
Way Finding Colours		
S 1070-G10Y	S 1070-Y90R	S 1070-Y50R

Colour swatches shown are a guide only.

Kitchen

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.



Ceilings, Walls

- Microbarr Anti Bacterial Acrylic Eggshell

Woodwork

- Microbarr Anti Bacterial Aqua Gloss

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
0903-Y30R	S 1000-N	S 0804-Y70R

Colour swatches shown are a guide only.

Recommended Paint Solutions for Stadium Exteriors

Creating the right environment

Keep your stadium, boundaries and outside space looking clean and smart by using high performance products.

Key Considerations

- Exterior surfaces are subject to the harsh effects of the environment so paint needs to provide long lasting protection and be easy to maintain.
- Products need to be practical and fulfil specific requirements such as highlighting parking facilities.
- Use masonry coatings on rendered properties to ensure continued performance.



Plastisol Coated Metal

- Semi Gloss Top Coat



Stained Timber

- Woodworks Satin Woodstain



Timber

- Stormshield Flexible Gloss System



Concrete, Render

- Stormshield Pliolite Based Masonry Finish



Road

- Road Marking Paint



Galvanised Metal

- Semi Gloss Top Coat



Concrete

- Stormshield Self Cleaning Masonry



Steel Work

- Micaceous Iron Oxide

Concrete

- Low Slip Concrete Floor Paint

Metalwork

- Semi Gloss Top Coat
- Micaceous Iron Oxide

Recommended Paint Solutions for Stadium Interiors

Toilets, Changing Rooms

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.



Walls

- Two Pack Epoxy Water Based Wall Coating

Ceilings

- Acrylic Eggshell

Floors

- Two Pack Epoxy Water Based Floor Coating

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 1015-B80G	S 1015-Y40R	S 1015-Y60R
Doors		
S 3010-Y40R	S 3010-B90G	S 3010-R70B
Trim		
S 7020-G	Brilliant White	S 1000-N

Colour swatches shown are a guide only.

Bars, Restaurants, Hospitality Areas

Creating the right environment

Colour can help to produce a feeling of space, vibrancy and enjoyment in these areas creating a relaxed environment.



Walls

- Acrylic Durable Matt

Ceilings

- Covaplus Vinyl Matt

Woodwork

- Professional Gloss System
- Woodworks Quick Dry Polyurethane Varnish

Suggested colour combinations

Colours need to provide the perfect blend of energy and relaxation.

Broad Walls		
S 0603-G80Y	S 0804-Y30R	S 0907-Y10R
S 0907-G90Y	S 1005-Y30R	S 0907-Y30R
Feature Walls		
S 1515-G	S 1515-Y30R	S 1005-G30Y
S 3020-Y50R	S 3020-Y80R	S 3010-G10Y

Colour swatches shown are a guide only.