

Proven performance

CASE STUDY - Barnsley schools project



Education

Background:

Thirteen new primary schools that have been built for Barnsley Metropolitan Council as part of a Private Finance Initiative (PFI) benefited from the high performance products and technical expertise of Johnstone's.

Members of Johnstone's technical advisory team worked closely with main contractors Carillion, who in addition to the design and build of the new schools is also responsible for providing facilities management services over a 27 year concession period. The paint specification that Johnstone's devised was required to meet a challenging brief that included the need for all materials used to be aesthetically pleasing whilst helping to significantly reduce maintenance requirements and potential disruption throughout the contract term.

Solution:

Johnstone's suggested the use of its innovative Water Based Acrylic Durable Matt emulsion, which combines excellent coverage and opacity with a special washable formula that allows walls and ceilings to be regularly cleaned between redecoration programmes. Providing an attractive matt finish, the emulsion is also resistant to both yellowing and condensation.

David Baines, Johnstone's Technical Specification Consultant explains further; "Within a school environment, it is vital that the paintwork is able to withstand frequent cleaning in order to remove any marks or dirt and so traditionally, finishes with a higher sheen level such as Eggshell or Gloss have been used. Johnstone's Acrylic Durable Matt is one of the few available emulsions that retains a true matt finish even when regularly scrubbed and so is ideally suited for use in such a high traffic environment as a school"



Application

Johnstone's Durable Matt can be applied by brush, roller or spray onto interior walls and ceilings and on suitably primed woodwork and radiators.



With a touch dry time of within 1-2 hours painted areas are re-useable rapidly, providing an effective solution for today's construction environment.

Product Data	Johnstone's Durable Matt
Colours	Over 15,000 colours are available via the Johnstone's tinting system
Finish	Scrub resistant matt
Sizes	2.5L/5L
Coverage	11-13 sq metres/litre
Touch Dry	1-2 Hours
Recoatable	4 Hours

Matt emulsion guide

Johnstone's Matt Emulsions offer excellent coverage, durability and opacity providing a premium matt finish every time.

Easy to apply and quick to dry, Johnstone's has a matt emulsion to meet your surface requirement.



When compared to Dulux equivalent.

OPACITY: Tests completed in accordance with the official quality standard BS EN ISO 2814:2006
SHEEN: Tests completed by measuring 85° gloss of the dried film on randomly selected samples tested in December 2008



OPACITY	★★ ★	★★★★	★★★★★	★★ ★	★★ ★	★★★★
SHEEN	MATT ★★★	MATT ★★ ★	MATT ★★ ★	DEAD MATT ★★ ★	MATT ★★★	DEAD MATT ★★★★★
SCRUB RESIST	CLASS IV ★	CLASS III ★★	CLASS III ★★★	CLASS III ★★	CLASS I ★★★★★	CLASS III ★★
KEY FEATURES	PERMEABLE NEW PLASTER	REDEC/ GENERAL PURPOSE	OPACITY/ COVERING POWER	FLAT FINISH	SCRUB RESISTANCE	DRY LINING

CASE STUDY - Newton Abbot Community Hospital, Devon



Healthcare

Background:

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

Solution:

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 and after Johnstone's Acrylic Durable Matt was found to be a more effective choice for use on the internal walls throughout the new hospital. The suggestion to specify Johnstone's was then agreed by main contractor Rydon Construction, which is part of the Rydon Group whose property maintenance division is operating a 30-year maintenance contract for the site.

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."



CASE STUDY - Sheffield City Hall



Leisure & retail

Background:

Sheffield City Hall has recently undergone major refurbishment and has been restored to its former glory with the help of Johnstone's paints and the skills of Doncaster based painting contractors, J Ibbotson Ltd.

City Hall is one of Sheffield's most historical buildings and provided a complex project that required special care and attention. The professional decorators used Johnstone's Acrylic Durable Matt for the first time for this project and as Angela Walker, Administration Director at J Ibbotson Ltd explains, they were delighted with the results.

Solution:

"Because of the age of the building – the walls were not in a perfect condition so we were looking for a product which would be able to hide some of the imperfections. The architect who planned the whole refurb was absolutely delighted with the Acrylic Matt – the coverage and the finish was really good," she adds.

Other Johnstone's products which were used in the massive refurb project included Acrylic Primer Undercoat, Wood Primer, Professional Gloss and Undercoat and Acrylic Matt for the walls in the corridors.



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Durable Matt

Ultimate performance with outstanding durability

- Outstanding durability
- Achieves the highest official scrub resistance standard
- Available in 15,000 colours
- Extended maintenance cycles, reduced costs



Excellence in paint since 1890

Durable Matt - Ultimate performance with outstanding durability



The tougher finish

A matt finish that can be repeatedly scrubbed clean*, Johnstone's Durable Matt has been formulated to provide outstanding durability in even the most challenging of environments, with no compromise on performance.

Tougher than a standard Vinyl Matt, Johnstone's Durable Matt will extend the maintenance cycle of any redecoration project as it is proven to withstand the effects of hundreds of scrubs.

- A matt that can be repeatedly scrubbed clean*
- Retains a true matt finish
- Tougher than a standard Vinyl Matt
- Hides surface imperfections
- Superior stain resistance
- Multi surface application
- Available in over 15,000 colours

Ideal for high traffic

Ideally suited to even the most challenging of environments such as hospitals or schools, Johnstone's Durable Matt is a premium quality emulsion formulated for interior use on walls and ceilings. In addition it can be used on suitably primed woodwork and radiators.

- Stairwells and corridors
- Kitchens and bathrooms
- Classrooms
- Hospital waiting areas
- Restaurants and bars
- Reception areas
- Retail interiors

MAINTENANCE CYCLE COMPARISON TABLE



Extended maintenance cycle

- **5 year maintenance cycle**
Johnstone's Durable Matt should ideally only need redecorating every five years compared to conventional vinyl matt which could need repainting every 3 years (dependent on environment).
- **Reduced decoration costs**
Surfaces coated in Johnstone's Durable Matt should only require repeated cleaning rather than expensive repeated decorating, resulting in lower costs and lower environmental impact.
- **Efficient application**
With excellent opacity, Johnstone's Durable Matt covers surfaces efficiently and fast.

Cleanability

The technology used in Johnstone's Durable Matt offers exceptional stain resistance. Painted surfaces can be wiped clean reducing the need for redecoration.

Matt that lasts

Even after repeated cleaning, Johnstone's Durable Matt retains its true matt finish and colour, without polishing up.

Unrivalled colour choice

Johnstone's Durable Matt is available in an unlimited range of colours through the use of the innovative Johnstone's tinting machine. With over 15,000 colours available and advanced colour match technology, all the benefits of Durable Matt can be combined with a specified colour scheme.

Anti Bacterial

Johnstone's Durable Matt is also available in an Anti bacterial formulation. Johnstone's Microbarr uses proven silver ion technology to actively inhibit the growth of bacteria such as MRSA and E.Coli.

Low VOC content

Johnstone's Durable Matt is water based and low odour resulting in a lower environmental impact.



Highest official scrub resistance standard

- Scrub tested to achieve official ISO standard
- Retains true matt finish after 200 scrub cycles
- Exceeds everyday heavy duty cleaning conditions

It's official, Johnstone's Durable Matt meets the highest official scrub resistance standards of Class 1 of the ISO 11998 scrub test, which is based on the effects of two hundred simulated scrubs.

The ISO 11998 is the official international method for measuring the ability of coatings to withstand wear caused by repeated cleaning operations.

Testing involves the use of a scrub testing machine. This consists basically of a motor driven reciprocating arm which moves a brush or pad across the surface of the paint film under test.

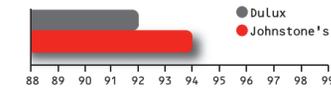
The test coating is applied to a test panel at such a thickness that the dry film can withstand 200 scrub cycles without wearing through.



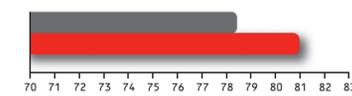
Outstanding durability with unrivalled performance

With Johnstone's Durable Matt, you can be assured of a matt that exceeds the standards of scrub resistance tests. To prove Johnstone's Durable Matt really offers superior performance - opacity, whiteness and sheen levels were independently tested, conclusively proving that Johnstone's outperformed its Dulux equivalent - Dulux Diamond Matt as the following results indicate.

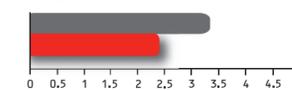
OPACITY



WHITENESS



SHEEN



COMPARE THE FACTS

	Class 1	Opacity	Whiteness	Sheen	Colour
Johnstone's Durable Matt	✓	BEST BY TEST	BEST BY TEST	BEST BY TEST	15,000
Dulux Diamond Matt	✓	✗	✗	✗	10,000

Cleaning and Maintenance

Johnstone's Durable Matt is a tough robust paint product formulated to withstand the rigours of many of today's demanding cleaning regimes. It has all the resilience associated with a washable paint whilst displaying a traditional matt finish.

When used correctly and to application specification guidelines the product will achieve greater extended maintenance cycles and prove to be a valuable tool when considering life cycle cost analysis.

As with all paint coatings, to get the best life maintenance you have to protect and clean efficiently, so here are a few pointers which should help to get the maximum out of the product.

DO'S AND DO NOT'S

The right way*

- Use soft cloths or sponges
- Clean with mild detergents or sugar soap solution
- Use smooth circular motions
- Clean beyond the stained/soiled area
- Always rinse with clean water and leave to dry to leave the surface clean and free from smears etc.

The wrong way

- Avoid abrasive cleaning agents
- Do not use rough textured cleaning pads or cloths
- Avoid cleaning in heavy circular motions
- Do not concentrate on localised areas always clean beyond the stain