Case Study

Refurbishment of the TYn Y Wern sports facilities

LOCATION: GLAMORGAN
PRODUCTS USED: JOHNSTONE’S MICROBARR ACRYLIC EGGSHELL

Following an extensive redecoration programme, the sports facilities at the University of Glamorgan are helping staff and students stay healthy in more ways than one thanks to the use of Microbarr Anti Bacterial Coatings.

Specified in an Acrylic Eggshell finish for application in both the changing room facility and First Aid room at the university. Tyn-Y-Wern Playing Fields, Johnstone’s Microbarr has been formulated to help prevent the spread of harmful bacteria that leads to infection.

Keith Russell from the University of Glamorgan’s Estates & Facilities department commented: “The facilities at Tyn-y-Wern Playing Fields are extremely popular and as the changing rooms are in frequent use by both university members and the wider community, hygiene standards are of the utmost importance. By opting for a specialist coating such as Johnstone’s Microbarr we have ensured the best of both worlds – decoration and protection. We are delighted with the finished results and with the reassurance that the use of an anti bacterial paint has been used on the surfaces.”

The Microbarr coatings have been subjected to stringent Japanese industry tests (JIS Z 2801) with the results showing that 99% of bacteria was eradicated within 18 hours where Microbarr was used on the surface.

First class specification support

In addition to the comprehensive range of premium paint products, Johnstone’s offers a wide range of support services to customers and specifiers. Our dedicated specification team is on hand to provide a complete package of support including technical advice, colour consultancy and on-site inspection service.

Visit www.johnstonestrade.com/paintspecifier

Technical Support

For further information, advice or a specification, please contact technical advisory on 01924 354100

www.johnstonestrade.com
specification enquiries 0800 0232170
technical advice 01924 354100
sales enquiries 01924 354600

Microbarr Anti Bacterial Coatings

Performance Coatings
Microbarr can help to prevent infections but is not a substitute for good hygiene control and should be used as one of the many ways in the fight against infections in public places.

Benefits include:
- Japanese (J.S Z 2801) tested*
- Inhibits growth of MRSA and E.Coli*
- Contains Silver ion technology
- Proven to actively inhibit bacteria
- Washable and durable
- Contains fungicide/algicide
- The paint does not discolour**

*Based on Acrylic Matt and Acrylic Eggshell

The Japanese (J.S Z 2801) test method works by introducing bacteria into the coating and observing if for 28 days. The inocula are then washed off and the remaining live bacteria are then counted in order to determine the effectiveness of the coating. The inocula are then washed off and the remaining live bacteria are then counted in order to determine the effectiveness of the coating.

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Testing

Unlike many other anti-bacterial coatings, Johnstone’s Microbarr has been tested to stringent recognised Japanese Industry standards**. These have proven that Johnstone’s Microbarr meets the approval of:
- E Coli
- MRSA
- Pseudomonas Aeruginosa

The results show that Johnstone’s Microbarr can be effective against a wide range of bacteria, including MRSA, E.Coli and Pseudomonas Aeruginosa. The graph below shows the rate of decline in bacteria count over time for different strains of bacteria.

![Bacterial Growth Graph](Image)

**Based on Acrylic Matt and Acrylic Eggshell