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YORKON WINS ANOTHER AWARD FOR NHS TREATMENT CENTRE

Off-site construction specialist and Portakabin subsidiary, Yorkon, has won another award for the acclaimed Emersons Green NHS Treatment Centre in Bristol.

The project for independent healthcare providers UK Specialist Hospitals (UKSH) is believed to be the largest complete hospital to be built using modular construction.

The scheme has just won the award for Best Product Used in the Exterior Environment at the Building Better Healthcare Awards.



The awards are the UK's most prestigious for healthcare design and facilities management, celebrating the people, products and projects that have excelled in improving the healthcare environment.

According to the judges, "Each year the standard of entries has grown.....a positive indication of the ever-improving environment of the country's health service. The winners of this year's awards have far exceeded present standards in today's healthcare built community. As pioneers of the future environment of our healthcare, these winners have set a benchmark for all future developments, and as a result, should be congratulated."

Designed by architects TP Bennett and built by Yorkon, the Emersons Green NHS Treatment Centre is a new purpose-built surgical hospital which provides a range of elective surgical services for NHS patients, including inpatient treatment.

Commenting on the latest award for the project, David Johnson, Director and General Manager of Yorkon said, “To complete a project of this scale and complexity, which was open and treating patients just 12 months after the start on site, was a significant achievement for the whole project team.”

“It involved taking an innovative approach to construction that minimised on-site working and reduced the programme time – and it was successfully delivered both on time and on budget.”

“We are absolutely delighted with this latest award, and the recognition it gives to the client, the design and construction team, and to the success of the off-site approach.”

The three-storey 4,842sqm hospital comprises 114 steel modules which Yorkon craned into position in just three weeks to reduce the build time to only 12 months. The programme was critical as patients were booked in for treatment, and was achieved despite winter working and adverse weather conditions, which would have had a major impact on traditional site-based construction methods.

The project’s other achievements included:

- **Challenging programme.** Within just four weeks of Yorkon’s contract award, the infrastructure works had been completed ready to receive the specially manufactured modules.
- **Outstanding site management.** Yorkon’s site management team was recognised with Considerate Constructors ‘Performance Beyond Compliance’ certification.
- **Excellence in health and safety.** There were no reportable incidents or accidents on the site for the duration of the project and in more than 120,000 man hours.
- **An attractive, welcoming healthcare facility.** The building demonstrates the design flexibility and architectural quality of off-site construction.
- **Innovative floor solution.** The scheme was the first application in the healthcare sector of the new Yorkon high performance



pre-installed concrete floor system.

- **Integrating off-site construction and site-based building methods.** A highly glazed traditionally-constructed atrium to the front elevation demonstrates how modular construction can be successfully integrated with conventional building methods.

The treatment centre also has strong environmental credentials. It achieved a BREEAM 'very good' rating and features services monitoring, water conservation devices, a high level of natural light, solar reflective glass, leak detection system for the kitchen, and cycle storage. A sustainable green roof was used for the adjacent service building.



The project has already won an LABC Building Excellence Award, and was Yorkon's third healthcare project for UKSH.

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Editor's Notes

1. Awards for the Emersons Green Treatment Centre to date:

- Building Better Healthcare Awards – Best Product in the Exterior Environment
- Building Excellence Awards (South West Region) – Best Community Building
- Considerate Contractors – Performance Beyond Compliance Certification.

2. Project team

Client:	UK Specialist Hospitals
Principal contractor:	Yorkon
Off-site manufacturer:	Yorkon
Project managers:	Atkins Global
Concept architects:	TP Bennett
Client's consultants:	Sir Frederick Snow & Partners
M&E consultants:	EDP
Quantity surveyors:	Corderoy
CDM consultants:	Faithful & Gould

3. Images © Hufton + Crow

4. The advantages of off-site construction for healthcare projects include:

- Programme times reduced by up to 50 per cent, allowing earlier completion with a positive impact on patient care
- Reduced disruption to patients, staff and the local community during construction
- Up to 90 per cent fewer vehicle movements to site
- Safer, quieter and cleaner construction
- Improved quality and reduced future maintenance
- A high level of design flexibility internally and externally
- Buildings can be expanded without decanting
- Improved thermal efficiency for lower running costs and reduced carbon emissions
- Greater cost control
- Material wastage reduced by up to 90 per cent
- Delivery on time and on budget – Yorkon completed 99 per cent of projects on time and on budget in the past year.