

Space saving heating

HCP, a division of SAS International, supplied and installed 230 linear metres of radiant heating panels to a new-build mental health unit at Barnet Hospital in North London. The project uses HCP's new Dutch fold anti-ligature panels, which are claimed to provide a secure heating solution for institutions such as hospitals and prisons. A gasket was installed between the slightly undulating plasterboard ceiling and the aluminium radiant heating panels to alleviate the differences in the tolerances between the two surfaces.

Says HCP: "This means the radiant heating panels are mounted flush with the ceiling plane, significantly reducing occupant's opportunities to locate a ligature point.

"Their installation at high level frees up wall and floor space, leads to greater flexibility in terms of room layouts and maximises the use of available space. Radiant heating panels also provide a flat polyester powder-coated surface, which is both durable and easy to clean. An optional anti-bacterial finish is also available for healthcare establishments."

Radiant heating panels have outputs in the region of 480 to 500W/sq m. Manufactured from aluminium and copper, they are said to offer a space saving, low-maintenance and fully recyclable heating solution, which is quick to install. The panels can be integrated within a suspended ceiling or freely suspended in rafts. They are an ideal space heating solution when low operating temperatures and rapid warm-up times are required.

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www.hcp-sasint.co.uk



A boost to Wellbeing

A new £22 million Grove Wellbeing Centre, the first in Northern Ireland, has just opened its doors. One of the biggest investments in a physical infrastructure in Belfast in recent years, it is designed as a 'one stop shop' for a range of leisure, health and library facilities.

Grundfos Pumps, working with Belfast City Council, provided a range of pumps including mem-

bers of the TPED family, which are designed for the circulation of hot and cold water, some NB standard pumps and three packaged booster sets.

Says Grundfos: "All of these will work together to ensure this part of the infrastructure delivers what is required of it."

☎ 01525 850000
www.grundfos.com



Ventilation clean-up

Air hygiene specialist System Hygienics is helping healthcare professionals meet the Department of Health's new guidelines on the operational management and performance verification of specialised ventilation systems.

The guidance is laid out in *Health Technical Memorandum 03-01: Specialised Ventilation for Healthcare Premises*, which was published in December 2007.

The document focuses on controlling the risk of infections, and stipulates that unseen ventilation system ductwork surfaces must be cleaned regularly to prevent build-up of dust and dirt. This film of dirt can comprise organic compounds including skin and hair cells, which are valuable nutrients for micro-organisms and can easily become airborne.

System Hygienics is offering the JetVent system to tackle this. It



cleans ductwork and reduces the risk of spreading harmful germs with negligible disruption to the day-to-day running of the building, says the company.

Minimal access to ductwork is required, as up to 50m can be reached from one point. There is no leakage of contaminants, and cleaning is achieved quickly and efficiently.

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Double success is in the pipeline for Durapipe

Durapipe's pipework systems have been installed in two new healthcare buildings in the south of England. The specialist hot and cold water pipework system, Friatherm, and chilled water pipework, Durapipe SuperFLO, have been specified by contractor Rushmoor Mechanical Services for the two projects.

Lakeside Health Centre and Beckenham Beacon, a new health care centre, both use Friatherm, which was recommended by Berkshire-based Rushmoor Mechanical Services after trialling a range of plastic pipework alternatives.

Dave Smith, managing director of Rushmoor Mechanical Services, says: "The price of copper and steel is constantly increasing and the time from tender to starting a project can sometimes be two years, which means you have to endure significant price rises if you specify it. Also, due to the higher cost, theft of metal from building sites is increasing, too. Plastic pipework is therefore an excellent alternative.

"We found that Friatherm was the easiest system to use. No specialist tools are required during installation and the solvent

welding procedure facilitates jointing without the need for hot works permits. Furthermore, some alternative systems require the lifting of heavy tools, which isn't very compatible with health and safety regulations, whereas Friatherm is light and easy to move around site."

Lakeside Health Centre will act as a 'one stop shop' for patients, incorporating GPs, a dental surgery and specialist clinics, while Beckenham Beacon is a healthcare development being built in two phases to replace an old hospital. In each of the projects Friatherm carries hot

and cold water, and Durapipe SuperFLO is used to carry chilled water as part of the air conditioning system.

Mr Smith says: "Friatherm's versatility is another advantage because it can carry both hot and cold water, so you don't need to specify separate systems for different temperatures. From our experience, we think Friatherm is the best plastic pipework available, so we will recommend it for all future projects where a hot and cold water system is needed."

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