



## news release news release news release

from the **clockwork** marketing company limited 01737 243702 terrapin.ourpressoffice.com

2 March 2010

### TERRAPIN TAKES OFFSITE BUILDING INTO CUSTODY

The cost and time saving benefits of Terrapin's offsite construction technology have helped the expansion of a Cambridgeshire prison by Wates Construction to stay on time and on budget, whilst also achieving an 'Excellent' BREEAM rating and A-rated Energy Performance Certificates. Three double-storey ancillary buildings using Terrapin's Unitrex panel based 'flat pack' building system form part of the multi-million pound extension of HMP Littlehey, which was completed in 43 weeks.

*Full story on next page*

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*High-res pics available at <http://www.terrapiin.ourpressoffice.com/project/custodial.html>*

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Purpose-designed Unitrex modules for the new prison buildings were factory fabricated by Terrapin whilst the on-site groundworks were completed, and then delivered in 'flat pack' panelised units for rapid erection and finishing on site. The fast track advantages of this approach were demonstrated on the project, with start of erection to handover of the first building taking just 18 weeks. In addition to cutting construction time and costs, prefabricating much of the building work offsite has particular benefits in high security areas like prisons. Because these methods involve fewer deliveries and less labour on site, the time and resources required for security screening people, plant and materials in and out of the site and storage facilities are significantly reduced.



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The Terrapin buildings for Littlehey are robust, permanent structures, designed and built to comply with Building Regulations and the Ministry of Justice's stringent security specifications. With a total floor space of 1,782m<sup>2</sup> over two storeys, the Education building will provide a modern, secure, training facility, complete with classrooms, workshops and a library. Terrapin also supplied a new 565m<sup>2</sup> Administration building incorporating open plan offices, meeting rooms and storage facilities for the prison staff. The Visitors Centre, and staff change building is the third two-storey building, and has a total floor space of 618m<sup>2</sup>. It combines a visitors' centre reception, including a waiting room, baby change unit and children's play area on the ground floor, with lockers, changing areas and washrooms for prison staff on the first floor. All three buildings have pitched composite clad roofs and also feature insulated composite wall panels to ensure a durable and weatherproof exterior finish.

Malcolm Mitton, Construction Manager at Wates said, "Terrapin dealt effortlessly with all the security aspects of working for the Ministry of Justice within a live prison environment and completed the buildings well ahead of the overall completion schedule".

The Ministry of Justice also specified that Wates achieve a 'BREEAM Excellent' rating for all the new buildings, which has been achieved, together with A-rated Energy Performance Certificates. Each of the three Terrapin ancillary buildings, under external scrutiny and assessment, achieved or exceeded the performance rating point level of 70, required to meet this onerous, but environmentally critical, performance standard.



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From 'flat pack' buildings, as specified for HMP Littlehey, to modular, volumetric units and M2 steel frames, Terrapin's offsite manufactured building systems offer fast, secure and flexible solutions to help meet the Government's Prison Capacity Programme. Custodial modules can be designed to meet individual project needs, including cells, activity areas and canteens, and can be fitted with features such as anti-vandal protection, data networks, air conditioning and solar energy systems.

Terrapin is the first company to be accredited under Buildoffsite's new supplier registration scheme operated by Lloyd's Register. The scheme standardises all aspects of the offsite process and ensures best practice, offering clients confidence in the assured levels of competence, methodology and safe working of the accredited supplier.

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**We will meet reasonable colour separations costs supported by a purchase order**

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