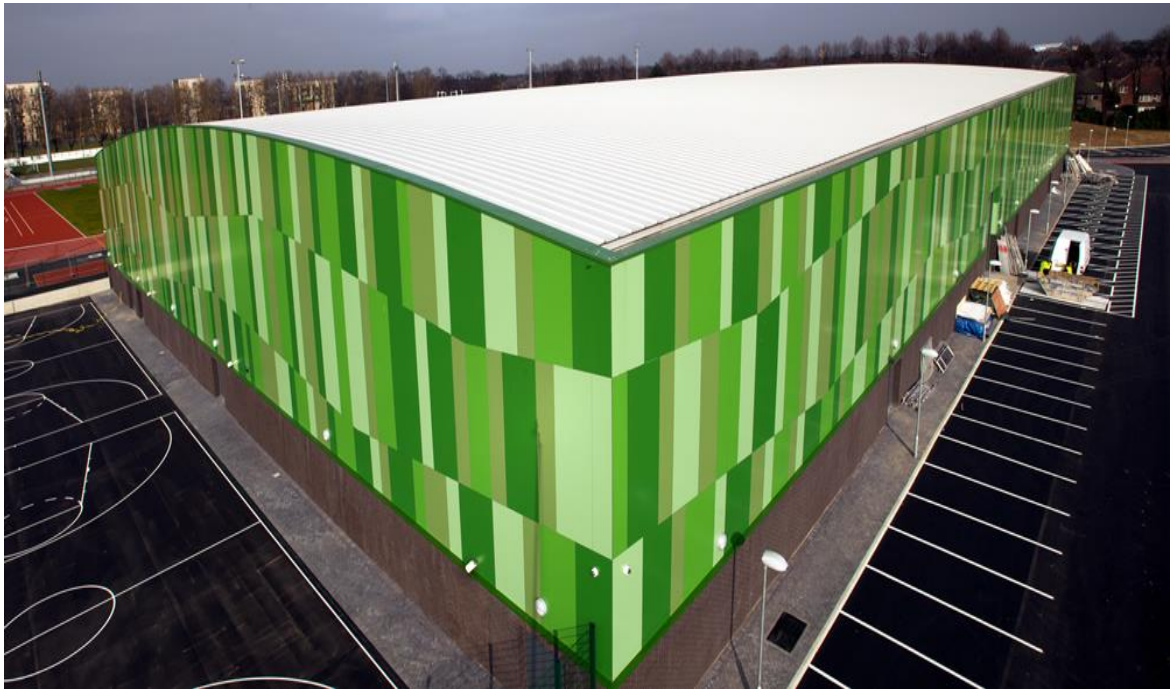


## MAYESBROOK ATHLETICS ARENA, DAGENHAM

EUROCLAD LIMITED



Euroclad Facades has supplied the entire building envelope at Mayesbrook Park Sports Arena in Dagenham. The prestigious new development became the UK's biggest sports hall when it opened in March. The £8.1 million sports development will be used as a time training facility for the 2012 Olympic Games, subsequently providing a state-of-the-art sports centre for the local community when the games end.

The council-owned track will include sports such as handball, athletics, wheelchair rugby and paralympic judo. The exterior is overlaid in multi-coloured cladding tiles, with windows of varying sizes and locations creating an eye-catching design. But the impressive design realised by the LINEAR Rainspan cladding system was not the only reason for its choice.

To achieve the spring 2012 deadline, speed of installation was a critical factor. Euroclad's LINEAR Rainspan products were selected to enable the cladding contractor Hathaway Roofing to achieve the challenging programme, without compromising value and appearance.

The LINEAR Rainspan system is comprised of a LINEAR 4 rainscreen façade in ACM that uses the Rainspan composite panel as a backing-wall. The roof system used was Euroclad's Elite System 3, which utilises the SF500 secret fix profile installed as part of a fully tested and modelled system.

"SF500 is extremely quick to install" said Hathaway's contracts manager Mike Lockwood, "Having used it previously on large scale projects such as the Olympic Media Hub and Hinckley Distribution Centre we know just how quick and easy to install this system is." Mayesbrook Park Sports Arena is one of the first projects in the UK to use the new LINEAR 4 system, which is a face-fixed facade utilising the tried and tested engineered support systems used for other LINEAR systems.

Unlike other systems LINEAR 4 uses flat sheets of material rather than cassette panels, which offers some significant benefits. The first is the square metre cost savings that can be made on the building envelope. The reduction in the amount of material combined with reduced processing requirements can significantly reduce the overall cost of the building fabric, as well as the environmental impact.

LINEAR 4 also ensures that the budget constraints that may be prompting a move away from a cassette panel system do not restrict design flexibility. In fact, when it comes to panel shape a face fix system can offer greater design flexibility for less cost, with more practicality. The ease of fixing and design flexibility of this new system was a big factor in hitting the demanding deadlines for the envelope installation.

Installer: Hathaways  
Main contractor: Morgan Sindall  
Architect: LRK Architects



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