

Aviva Stadium, Dublin

AdvanEDGE Advanced Panel Drain



ADS AdvanEDGE panel pipe provides the dimensional stability and field proven structural strength for quick, effective subsurface drainage.

The distinguishing performance feature of AdvanEDGE panel pipe is its ability to rapidly collect and remove water.

It was the preferred choice for under-drainage on the Aviva Stadium practice field.

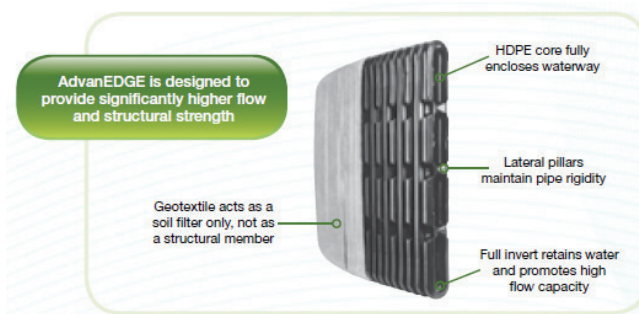
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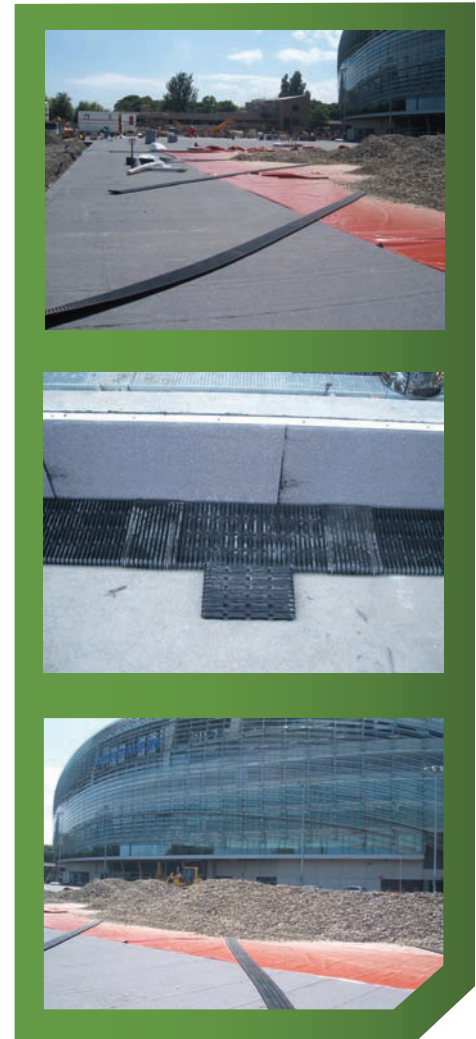
Project Summary

ADS AdvanEDGE was the preferred drainage product on the recently completed Aviva Stadium. It was installed by Clive Richardson Ltd, specialists in sports ground construction. It was the preferred product for its ability to rapidly collect and remove water. Compared to a 100mm round pipe with an equal length of 300mm AdvanEDGE, panel pipe has twice the soil contact area and will drain a given quantity of water in about 60% of the time.

AdvanEDGE is truly a pipe. It's not round but its panel-shaped core fully encloses the waterway. Lateral pillars maintain the core opening, resulting in a series of oval shaped channels providing superior strength and relatively few projections into the waterway. The design of the invert permits significantly higher flow velocity at lower head.



The Aviva Stadium was the first project in which Clive Richardson Ltd had utilised the product. The ease of the 1800m installation was a major benefit on the project. Long rolls meant connection joints are few in number. When joints were required they were made with innovative coupler or tee/wye fittings that are secure enough to resist installation stresses.



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