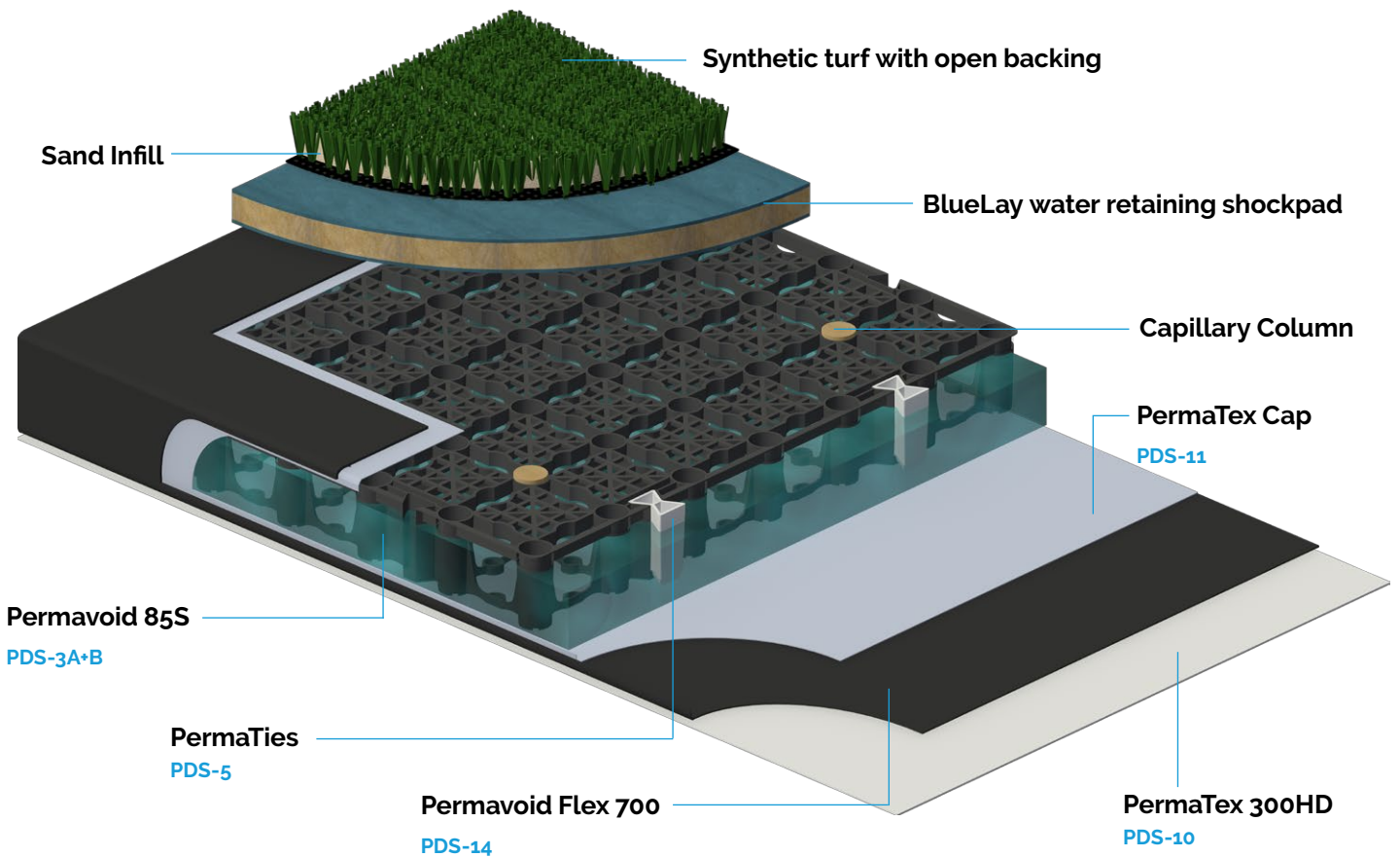


PERMAVOID SPORTS SYSTEMS: SYNTHETIC TURF



Naturally cooled synthetic turf

The Permavoid system is used as a multifunctional subbase for synthetic turf pitches, being both high-strength and lightweight. Due to the open surface of the Permavoid units the pitch drains effectively and reliably over the entire surface, preventing standing water after peak rain events. The shallow construction depth speeds up the installation process, reduces material movements to and from site and the cellular reusable set up allows the creation of temporary and permanent sports pitches.

With an approved conventional shockpad the system is used as a system for rainwater capture, detention and/or infiltration. The Nature-based functionality of rainwater retention and capillary evaporation for adiabatic cooling of the pitch can be created using the BlueLay capillary shockpad in combination with an open-grid backing synthetic turf and natural sand infill. Permavoid and synthetic turf create a water sensitive and climate resilient solution; playable 24/7, cool and safe for athletes, with limited maintenance and water consumption, based on on-site circular water management.

Case studies



Hockey Club Athena, Amsterdam



Football Club VVA Spartaan, Amsterdam



Rooftop pitch, London (UK)



Temporary "Big Stadium Hockey" event (UK)

Note:

Visit www.permavoid.com to download our latest company brochures and product data sheets (PDS).

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Permavoid Ltd. is part of the Polypipe Group.