

Creating the perfect pitch in Qatar

Providing air-conditioning and shade are vital, with half of the pitch constantly in shadow to shield players and fans from the sun

Aspire Sport Turf

tested 24 types of grass in harsh climate

Tested with 30-70% shade

7,848m² 40mm-thick turf rolls harvested from AST farm

Aeration network

Overseeded ryegrass mixture for consistent surface to allow high-quality ball play

Drainage network

Upper root layer

Hybrid grass technology:

95% natural turf reinforced with synthetic yarn

Grass roots

Synthetic threads: Stitched 180mm deep into natural turf enable faster pitch recovery and allow more playing hours

Subsurface aeration: Cool air pumped into soil regulates temperature and gas exchange in root zone for healthier turf

Crushed stone drainage layer

Geotextile: Soil separation and drainage

Drainage system: To control soil moisture content

Lower root layer