

Olympic Athletes Village, Stratford Plot Numbers 01 and 14



Axter provides over 10,000 m² of WILOTEKT-PLUS hot melt structural waterproofing to the podium decks for this high profile project.



Plot N14
Lifshutz Davidson Sandilands
Haworth Tompkins

Plot N01
Denton Corker Marshall



Development and Construction manager	Bovis Lend Lease
Roofing subcontractor	5M (UK) Limited
Type of development	Residential
The concept	The Athletes Village redevelops a vast site in Stratford to create a whole new city. During the Olympic games it is home to 17,000 athletes, and after the games it will be transformed into high quality mixed-tenure housing. Axter is proud to have been associated with two of the Plots: N01 and N14. Three of the blocks at N14 were designed by Lifshutz Davidson Sandilands and the fourth by Haworth Tompkins. The design is unique in that the triangular plot is one of the few such structures in the village not constructed with pre-cast concrete. Consisting of 201 units, the blocks are centred on a courtyard which opens to the south. It is in this courtyard, which is greened as an intensive green roof with hard surfacing, where the waterproofing had to be robust and long lasting.
Roofing	The main roof construction on both Plots was of an inverted design under an intensive green roof with paving slabs and other hard surfacing materials.
Size of roof	10,450 m ² inverted roofing.
Axter materials	WILOTEKT-PLUS hot melt structural waterproofing and HYDROSHIELD EPS thermal insulation under a vapour diffusion layer, EXCELJOINT movement joint waterproofing and STARCOAT liquid applied waterproofing to some details.