

### The Cube, Birmingham

Axter provides a number of roofing systems to this iconic building



The Cube is close to Birmingham's Jewellery Quarter and Make founder Ken Shuttleworth wanted the building's architectural language to reflect the jewel concept. He told Building magazine that "we wanted a hard, metallic texture to the surface, a protective box that glistened like a jewel but also referenced the hard industrial heritage of the local area. But inside, we wanted something more crystalline, translucent and precious".

Axter provided three different waterproofing systems:

- WILOTEKT-PLUS second generation structural (hot melt) waterproofing system to the internal courtyard areas and high level podium decks
- FORCE 4000 TRAFIC to exposed balconies
- TOPFIX mechanically fastened two layer system to the high level pitched roof plant rooms
- FORCE 4000 DALLE single layer membrane to balconies under paving
- EXCEL HR S high performance capsheet for all detailing
- AXTER XPS 140 mm thick thermal insulation

Client	Birmingham Development Company
Architect	Make Project Architect: Frances Gannon
Main Contractor	Buildability
Axtershield Installer	Torclad Ltd, Leicester
Total roof area	6,750 m <sup>2</sup>

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