

## CASE STUDY (RESIDENTIAL)

# FULHAM WHARF - LONDON



Axter designed and supplied waterproofing for podium, roof and terrace areas



<b>Developer</b>	Barratt Homes London
<b>Axtershield Installer</b>	Avonside Commercial & Industrial Roofing (SW)
<b>Type of development</b>	Re-development of existing supermarket together with the adjoining Fulham Wharf site, comprising the new 100,000 sq. ft store and 463 residential units with their own balcony and terrace, many with views over podium gardens and River Thames.
<b>The concept</b>	<p>Design, supply and fix of an inverted second generation, hot melt structural waterproofing and insulation system. The system had to be monolithic, fully adhered to prevent water tracking during and post construction, robust/durable and capable of withstanding construction-related traffic without defect. The requirement was for a system that was adaptable through its approved application beneath a variety of roof finishes including ballast, decorative paving and living roofs, so as to facilitate the achievement of interesting visual aesthetics, enhancing built environment and life experience of its residents.</p> <p>This was a challenging site logistically with limited delivery and site access points and the project had to be completed with consideration being given to residents and with the existing supermarket remaining fully operational.</p>
<b>Detailing</b>	The movement joints on the podium had an unusually high movement potential in excess of 25mm and the design team relied on Axter to find a secure waterproofing solution to accommodate these criteria and to provide designs for the complex detailing involved.
<b>Axter materials</b>	<p>The project utilised three core disciplines within the Axter system portfolio:          WILOTEKT-PLUS hot melt structural waterproofing          ECOFLEX single ply PVC waterproofing          STARCOAT liquid membrane.</p> <p>Careful design consideration was provided to ensure Axter's driving philosophy of the right system in the right place was employed successfully.</p>
<b>BIM models</b>	<p>Axter BIM models available at:  <a href="http://www.axter.co.uk/bimmodels.html">http://www.axter.co.uk/bimmodels.html</a></p> 