





Roofwater 

Drainage 

Waterproofing 

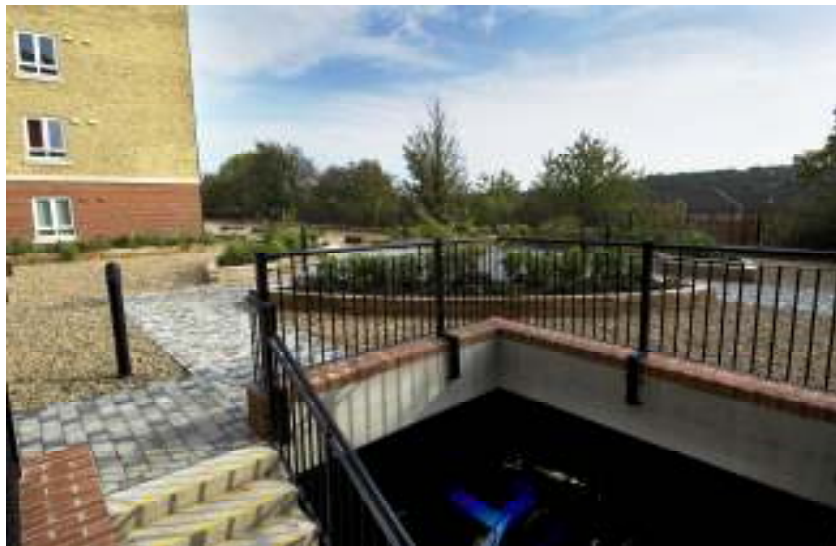
Metal Roofing 

Facades 

Alumasc Press Release

High Living in High Wycombe

Advanced waterproofing systems from market leading suppliers, Alumasc, have set the seal on a new mixed housing development in the historic town of High Wycombe. Built on the former site of the Ercol furniture factory, the development provides much-needed housing and flats convenient for city living, with underground car parking factored into the design to conserve community and amenity space above.



Issued:	August 2008
Brand:	Alumasc Waterproofing
Product:	Hydrotech

Project Name:	Ercol Factory
Location:	High Wycombe
Client/Architect:	Bellway Homes

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The use of decked roofs over the car park areas meant that a highly efficient waterproofing system had to be specified as an essential component of the build. Alumasc's fully warranted Hydrotech system was selected due to its outstanding suitability for such situations. A lightweight yet very tough monolithic membrane with self-healing qualities, it is bonded to surface-conditioned concrete, forming a highly flexible barrier. Designed specifically for completely flat surfaces, Hydrotech needs no fall and is BBA certified to retain its weatherproofing qualities for the life of the construction. As such, its robust composition makes it a first choice for applications such as green roofs, decks, water features, even access roadways, when topped with the appropriate Hydrogard protection sheet and surface finish.

The Hydrotech membrane is formed from two coats of hot-melt rubberised bitumen with a polyester fabric reinforcement between. Hydrogard 40 was specified for the Ercol development - a heavy duty protective sheet and root barrier, laid into the upper membrane and finished with torched laps to form a totally impervious and root resistant surface. Finally, Floradrain FD40 was laid, a lightweight board designed to retain rainwater whilst allowing excess run-off and some natural evaporation. Following installation of the filter sheet, the deck may then be finished with a suitable substrate to form a green roof, which minimises rainwater run-off in storm conditions, hard landscaping or shingle.

The podium deck on the Ercol development carried the rainwater from adjacent roofs via this multidirectional drainage layer to the designated outlets - an environmentally responsible and aesthetically pleasing solution.

The architect/developer of the Ercol site was Bellway Homes and the Alumasc Approved Contractor was Robseal Roofing of Reading. For further information on Hydrotech roofing and waterproofing systems or to request literature, contact Alumasc on 0808 100 2008 or visit www.alumasc-exteriors.co.uk