



Intensive Green Roof

Supply and Installation of Intensive Green Roof on prestige apartment development, Sheffield

This 32 story apartment development was constructed with the aim of creating the most desirable address in Sheffield.



St Pauls Tower is the tallest development in Sheffield at 101m

In order to help achieve this goal it was decided from the very outset of the project that the development had to be sympathetic to its surroundings.

The development is in the heart of Sheffield city centre where space is at an absolute premium. As with all developments the client wished to maximise the footprint of the building but appreciated that a greened amenity area for the residents private use would add value to the development.

The creation of green amenity space was addressed by the inclusion of an Intensive Green Roof on a second storey flat roof. Utilising this available space created a pleasing outdoor space for the residents without impacting on the footprint of the development.

For more information on Deckdrain visit www.abgltd.com/products/deckdrain

About ABG

ABG are a market leading developer of high performance geosynthetic solutions for use in a wide range of civil, environmental and building applications. Established for 25 years and based in the UK ABG pride themselves of delivering outstanding customer service along with innovative solutions.

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Project Information

Client	City Lofts Group
Contractor	ABG (Geogreen Solutions)
Architect	Conran and Partners
Products	• Deckdrain

Included within the build up of the roof was a tank designed using a proprietary system designed to attenuate rainfall. the surface water run-off was reduced to the level stipulated by the Environment Agency.

ABG Deckdrain was incorporated with in the Intensive Green Roof buildup to allow free drainage of surcharge from the SUDs tank within the roof.

Using Deckdrain meant the architect could keep the roof profile as slim as possible to aid detailing and construction even whilst allowing for the inclusion of the SUDs tank.

The work was undertaken as a subcontract by Geogreen Solutions, who, working for the main contractor delivered the works on time and in budget.

Contact ABG to explore how Deckdrain could assist your client to achieve a sustainable, cost-effective and carbon neutral solution.



abg creative geosynthetic engineering

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