

FORT DUNLOP



BAUDER BUILDING BOARD

Project	Fort Dunlop
Investor	Urban Splash
Place	Birmingham
Area Size	7,100m ²
Architect	Shed KM
Contractor	James M Green Company Limited



APPLIED PRODUCTS

Green roofs have excellent acoustic qualities for both external sound (up to 3dB) and internal noise (up to 8dB). This proved essentially in the selection of the Xero Flor blanket due to the proximity of Fort Dunlop to Birmingham Airport.

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During the recent regeneration in and around Birmingham, innovation has been a key factor; a theme optimised by the redevelopment of the Dunlop Tyres warehouse which has been transformed into 45,000m² of office space and a 6,000m² hotel.

Practical challenges such as the reduction of noise pollution and maximising the building's lifespan were all met by the Bauder Total Green Roof System with an extensive landscaping of sedum. The planting scheme provided instant coverage as the sedum was laid as pre-cultivated vegetation mats.

The entire solution provided a watertight installation in conjunction with a 20-year guarantee whilst making the structure both environmentally friendly and aesthetically pleasing.

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