

HMP PENTONVILLE



BAUDER BUILDING BOARD

Project	HMP Pentonville
Investor	HM Prison Services
Place	London Borough of Islington
Area Size	700m ²
Specifier	Bauder Ltd
Contractor	Breyer Group Plc

APPLIED PRODUCTS

Bauder Single Ply Thermoplan T fleece-backed membrane was used as an overlay solution to the existing asphalt roof. The reinforced flexible polyolefin membrane has a tensile strength of $\geq 1100\text{N}/50\text{mm}$.



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Completed in 1842, HMP Pentonville has remained in use since opening, experiencing many stages of refurbishment throughout the decades. In 2003, the existing asphalt deck above the kitchens was in need of a complete refit with the building having to remain in use throughout the refurbishment of the roof.

A thermographic survey revealed significant levels of water trapped beneath the deck, a problem resolved by a specialist contractor removing the water to ensure the deck met Bauder's standards before commencement of works. The refurbishment required the removal of redundant machinery and the introduction of defined walk ways.

All works were completed in six weeks with the roof area being totally transformed.

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