

PROJECT STUDY



Wadham College

Bauder Hot Melt Waterproofing



The University of Oxford's Wadham College graduate centre project was a complex refurbishment. Led by Lee Fitzgerald Architects and main contractor Feltham Construction it involved the careful restoration, adaptation and extension of the 1960's grade II listed building.

The brief for the project was to renovate the graduate centre and to link to the main college by creating a new entrance to the building. This led to the construction of a new building, the McCall MacBain Graduate Centre, which also now provides access to the Barbara Naylor rooftop gardens above the different reading, media and seminar rooms of the graduate centre. With the ageing existing waterproofing exceeding its life expectancy, the roof garden terrace was in need of a replacement roof system.

As an accessible area which will experience a significant amount of foot traffic, the Bauder Hot Melt was determined to be the best solution for this roof. With a durability to match the expected life of the building and a self-healing system, the Bauder Baker Hot Melt System is ideal for use on protected roofs such as inverted, paved, ballasted and terrace roofs.

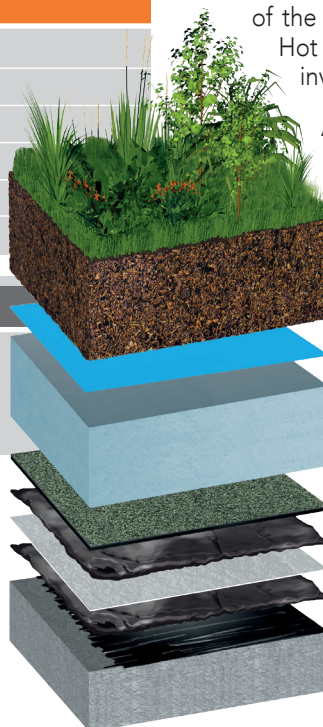
Approved contractor Deane Roofing & Cladding carefully removed 439m² of the existing waterproofing, stripping the rooftop back to the concrete deck surface before installing the different layers of the Hot Melt system.

BUILDING BOARD

Project:	Wadham College
Location:	Oxford
Roof Area:	439m ²
Specifier:	Lee Fitzgerald Architects
Main Contractor:	Feltham Construction
Approved Contractor:	Deane Roofing & Cladding

APPLIED PRODUCTS

- The Bauder Hot Melt Structural Waterproofing System is ideally suited as a waterproofing system beneath paved, ballasted surfacing, terraced roofs and green roofs.



- Intensive green roof landscaping and paving
- U-Max permeable membrane
- Bauder XPS extruded polystyrene insulation
- AP2 Bitumen root resistant cap sheet
- Baker 790-11 Hot Melt
- Bauder Polyester reinforcing
- Baker 790-11 Hot Melt
- Bauder Polymer primer

The completed roof terrace now provides a modern and peaceful garden area where graduate students can relax and socialize between their work periods. Following several site visits by Bauder's expert Site Technicians and a final leak test, a 20 year guarantee was issued for the roof terrace.

BAUDER

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