

Mountbatten House

Basingstoke, Hampshire

Mountbatten House, originally built in the 1970s and known as the 'Hanging Gardens of Basingstoke'. The six-storey building features rooftop landscaped gardens designed to enhance biodiversity, setting a new standard for sustainable office environments. SPR is proud to have won the Eco-Active award for working on this project. .



Project Overview

Duration: 8 Months

Area: 3750m²

Grade II Listed Building

BMI Thermaweld Firesmart

BMI Rootbar Green System

20 Year guarantee

Mansafe System

Lightning Conductor
system

Roofing System

Roof Area Reference

Roof Area(m²)

Deck

Substrate

Primer

Vapour Control Layer

Adhesive

Packerboard

Insulation

Baselayer

Underlay Primer

Underlay

Capsheet

Type of System

Green roof

750

Cast Concrete

Existing Cementitious Screed to Falls

Siplast Primer

BMI Icopal Torch on VCL Sand

BMI Icopal Insulation Spray Adhesive

Not Required

Thermazone Roofboard 130mm

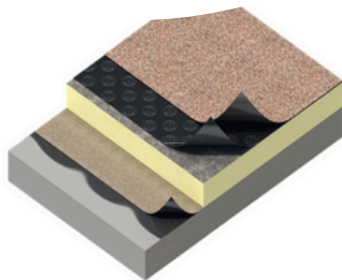
Not Required

Not Required

TorchSafe T.A. Underlay Film

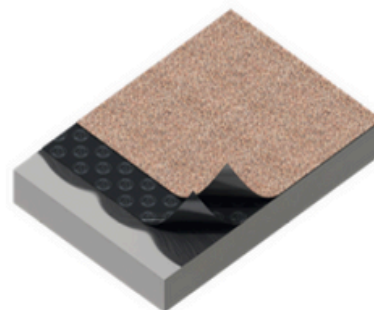
Rootbar Green Capsheet

TORCHON(J41)

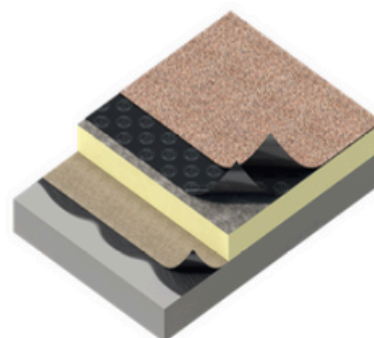


Due to the layering rooftops of this project, we have appointed more than one roofing system to accomodate each space.

Roof Area Reference	Plant room roof
Roof Area(m2)	500
Deck	Profiled Metal
Substrate	Existing Mastic Asphalt
Primer	Siplast Primer
Vapour Control Layer	Not Required
Adhesive	Not Required
Packerboard	Not Required
Insulation	Not Required
Baselayer	Not Required
Underlay Primer	Not Required
Underlay	Total Torch Vapour Dispersion Layer
Capsheet	Thermaweld FireSmart Mineral Capsheet
Type of System	TORCHON(J41)



Roof Area Reference	Main roof
Roof Area(m2)	2500
Deck	Cast Concrete
Substrate	New Cementitious Screed to Falls
Primer	Siplast Primer
Vapour Control Layer	BMI Icopal Torch on VCL Sand
Adhesive	BMI Icopal Insulation Spray Adhesive
Packerboard	Not Required
Insulation	Thermazone Roofboard 100mm
Baselayer	Not Required
Underlay Primer	Not Required
Underlay	TorchSafe T.A. Underlay Film
Capsheet	Thermaweld FireSmart Mineral Capsheet
Type of System	TORCHON(J41)



WINNERS OF THE IMA ECO - ACTIVE ROOFING AWARD

For the exeptional enviornmental sustainailty, through the use of innovative and eco-friendly materials and technology.

