

## Case Study

### A GREEN ROOF AT GROUND LEVEL

3,000 square metres of Isola Platon DE25 membrane was specified at the NAP site building in Cheltenham to form a green “roof” cover to the computer hall, which is situated below ground in the centre of the circular complex.

The installation, by Frosts Landscape Construction of Milton Keynes, initially involved the installation of several pre-membrane layers including a water drainage layer, filter fabric and polystyrene blocks to form the gently contoured shape.

The DE25, which is supplied in 2.22 x 1.33 metre sheets, was then loose laid over the polystyrene layer to form a water storage and drainage element to the “roof”. A further filter layer was then installed before the area was covered with compost. The whole area was then turfed or laid to ornamental shrub and herbaceous planting.

The special 23mm deep stud design of Isola Platon DE25 is designed to combine drainage and water storage to maintain long term roof planting. Manufactured from rot-proof, high density polyethylene, the tough membrane is impact, tear and chemical resistant.

Green roofs deliver many benefits – particularly to urban areas. They insulate and protect roofing materials; clean the air and counteract climate change; provide microclimates for insects and bird life and create fabulous new spaces for working and pleasure.

Isola Platon DE25 is part of a complete range of waterproofing membranes available from Triton. For more information about this product and green roof installation in general, please call Triton on 020 8310 3929.



Further press information about Triton is available from Alison Hopkinson at Hopkinson White:

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