

CASE STUDY

DREEN® SLAB
UNIVERSITY OF LEICESTER



SUBCONTRACTOR FOR THE WATERPROOF BASE LAYER



“Zootjens responded admirably to the design brief with an attractive and appropriate concourse layout. As a result, we were, and continue to be, very pleased with the high quality finish achieved. We intend to use Zootjens’ products and services again for future projects”.

THE REQUIREMENT

A new, level paved surface with efficient drainage was required for the University concourse to replace worn out paving stones that followed site contours. The project had to be undertaken during the 2005 summer holiday recess.

THE SOLUTION

Zootjens’ Dreen® Slabs were chosen to cope with heavy pedestrian traffic. Zootjens’ adjustable height system accurately locates and supports the slabs, and provides a completely level walking surface over areas with falls. Other areas were overlaid with Zootjens’ fixed height system.

Colour was an important consideration in the design of the concourse, with the intention of complementing its natural setting. Therefore the main routes through

the concourse were articulated in ‘spring green’, as were surrounds to trees and planters, whilst the main body of paving was finished in ‘tropical yellow’.



THE INSTALLATION

At the start of the project, the subbase was found to be unexpectedly faulty and required re-forming. As a consequence, the existing surface water drainage system also needed modification. The necessary falls for efficient drainage across the concourse are accommodated by the remodelled sub-base and subsequent waterproof layer.

On completion of the sub-base and waterproof layer, the Comfix locking discs for both the adjustable height and fixed height systems were set out, followed by the rapid placement of 600 x 600mm Dreen® slabs.

The contract was completed between August and October 2005, with a slight overrun into term time because of the unforeseen groundwork problems.



A leafy stroll over Dreen® Slabs



Dreen® Slab: Laying adjustable height system



Tree demarcation with Dreen® Slabs



Dreen® Slab: Laying fixed height system

WHAT IF THE WORLD WERE TWICE AS BIG?

It can be, as far as we're concerned. Our world, twice as big. A world that we are helping to design and construct perfectly with our roof slab systems. Our many years of experience have made us the number one expert in rooftop paving. For sustainable roofs, livable roofs for socialising.

We interact with architects and contractors every day. With roofers and project developers: Creators and constructors. We listen to them, work with them and advise them. That's why we're the number one party with the best rooftop vision. It's our higher ground.

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