



SIKA AT WORK

HESAS, UNIVERSITY OF GLAMORGAN

WATERPROOFING: Sika® Watertight Concrete System and SikaSwell® Jointing System

BUILDING TRUST



HESAS UNIVERSITY OF GLAMORGAN



Sika® Watertight Concrete has been chosen to ensure a dry basement at the new extension to the Health, Sports and Science (HESAS) facility at the University of Glamorgan, Glyntaff Campus, Pontypridd.

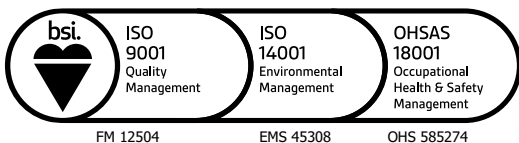
The extension, which was designed by Boyesrees Architects and constructed by Interserve, houses state of the art laboratories and IT facilities and consists of two storeys plus basement. It is linked to an existing Grade II listed building which is being refurbished - all part of a £6.9 million scheme being undertaken by Interserve, which will see the relocation of the HESAS departments to this new facility.

The site is at the base of a large hill, creating a wet environment for the new structure. As it was imperative that no water penetrated the new basement, consulting engineers Nicholson Jones Partnership specified BBA certified Sika® Watertight Concrete for the basement slab and retaining walls. With a 50 year successful track record, use of the Sika Watertight system will ensure a dry basement, meeting the requirements of BS8102 Grade 3 (Habitable Space) where people are living or working and no water penetration is acceptable. Hanson Concrete supplied 350 cubic metres of the watertight concrete to the project.

Construction joints are sealed with the SikaSwell® jointing system, which consists of joint sealing profiles that expand on contact with water to seal any voids between adjoining concrete slabs.

The use of Sika® Watertight Concrete not only simplified the design and construction process, saving time and money, but also allowed full utilisation of the space available as the overdig requirement was reduced compared to traditional membrane methods of waterproofing.

For further information call 0800 292 2572.



SIKA LIMITED

Head Office
Watchmead
Welwyn Garden City
Hertfordshire, AL7 1BQ
United Kingdom

Contact

Phone +44 1 707 394444
Fax +44 1 707 329129
Email enquiries@uk.sika.com
www.sika.co.uk
@SikaLimited

BUILDING TRUST

