

Case Study: University of Wales - Bangor

Founded in 1884 the University has grown considerably from its modest beginnings in a coaching inn to the 10 acre site that is it's current home over looking the city of Bangor.



As part of a major £20 million redevelopment of the University campus there will be a new management development centre and new building for environmental sciences as well as re-vamped student accommodation.

Timberwise were initially contacted to conduct a specialist timber and damp survey of five of the older buildings that were undergoing re-development.

As a result of the extensive timber and damp survey areas subjected to both wet & dry rot and dampness were identified. Specialist remediation work carried out by Timberwise included the eradication of the wet rot and dry rot problems along with the replacement of timbers where necessary that had become unsafe.

Other areas of concern also included areas where original cementitious tanking had been used to prevent water ingress in areas below ground and the waterproofing tanking had subsequently failed. Timberwise advised on a basement waterproofing solution that uses a cavity drain membrane to the client giving completely predictable results - instead of stopping the flow of water it controls and manages the water - taking any free flowing water to a convenient drainage point via the use of perimeter drainage and a specially designed sump and pump unit.

Timberwise recommend that all basement installations receive an annual 'Clean & Check' to ensure that the waterproofing system remains in peak condition.

To arrange a 'Clean & Check' call the Basement Sump & Pump Co on 0800 019 9949



University of Wales



Replaced timbers



A dry rot outbreak



Area of failed tanking



Area of black spot mildew growth