

## CASE STUDY



# South Lodge Spa, Horsham

An exclusive, state of the art Spa in Sussex required a comprehensive below ground waterproofing solution.



## THE CHALLENGE

South Lodge is a stunning hotel in Horsham, with breath taking views over the South Downs, award winning dining and beautiful facilities for hosting weddings and family occasions. Waterproofing Specialists Cast Contracting Ltd were approached by

Beard Construction to design, supply and install a comprehensive structural waterproofing solution into the brand new £15m spa complex designed by Felce & Guy Architects, which boasts 14 nature themed therapy rooms, juniper infused sauna and the UK's first heated natural swimming pool.



## THE SOLUTION

CCL recommended the installation of RIW's Structureseal Sodium Bentonite pre-applied waterproof membrane to the vertical concrete secant piles and blindings, prior to others forming reinforced concrete retaining walls and basement floor slabs into the new spa complex.

RIW Flexiseal Pro liquid applied system was post applied via specialist airless spray pumps to the external face of other (non-piled) retaining walls.

Finally, RIW's Double Drain drainage/ protection sheet was installed to provide protection during backfilling operations and to promote the drainage of water away from the structure to the perforated land drainage channel.

The comprehensive below ground solution was completed to a very tight timeframe, with CCL overcoming difficult wet site conditions.



### CLIENT TESTIMONIAL:

"TBC"

**Barry Jones**, Senior Site Manager, Beard Construction

## PRODUCTS

Sika Anti Lime Coating

Sika Std Cavity Drain Membrane

Sika Std Cavity Drain Channel

Sikalastic 1k

Sikadrain 850