



High Performance Modified Bitumen Provides Waterproofing For College

After carrying out a, free no obligation, survey of the schools flat roof sections, a detailed written report (with photographic evidence) was compiled and presented to the school. This detailed report highlighted the poor condition of the existing roof sections and also provided the school with budgets for the cost of refurbishment.

The report was used by the school to put together a bid for funding through the Academy Capital Maintenance Fund. This round of bidding consisted of over 1000 bids totalling £1.16 billion, with only £276 million available the bid round was four times oversubscribed. However, during this bid round Garland's expertise helped all of their academies to obtain 100% of the funding that they bid for.

Once the funding had been secured, the worst roof sections were highlighted to the client and a number of solutions were provided by the Garland Technical Manager. The installation of the new roof system would be carried out during term time; therefore disruption had to be kept to a minimum.

Following discussions with the client it was decided



that a StressPly® Flex Plus Overlay System (warm roof) would be installed. Despite the existing roof system suffering from ponding water and moss growth it was decided that a tapered insulation system was not required. The existing roof system already had a good fall and it was evident that once the surface chippings were removed, all water would drain more efficiently. Therefore, flat board insulation was used to upgrade the roof systems thermal performance to the current standards. The proposed roof system would come with a 25 year independent, single point, Garland (UK) guarantee.

A Garland representative was on site a minimum of two times a week in order to ensure that; the roof system was installed with as little disruption to the day-to-day operations of the school as possible and that all roofing works were being installed to the correct specification. The finished roof system provided the client with a new long-lasting roof system, where ponding water, moss growth or leaks are no longer a concern.



The Garland Company UK Limited
 Second Way Centre, Second Way,
 Avonmouth, Bristol, BS11 8DF
 Phone: +44 (0)1174 401050
 info@garlandukltd.co.uk | www.garlandukltd.co.uk

Project: Ely College
Location: Ely, Cambridgeshire
Garland Rep: Daniel Simpson
Contractor: Hi-Spek Roofing Ltd
Garland System: StressPly®