

## High Performance Modified Bitumen Provides Waterproofing Business

Newport Vision Products | Newport, Wales

### CHALLENGE

After carrying out a, no obligation, survey of the flat roof sections, a detailed written report (with photographic evidence) was compiled and presented to Rhondda Cynon Taff County Borough Council who were responsible for this building.

This detailed report highlighted the poor condition of the existing roof sections and also provided the authority with budgets for the cost of refurbishment.

The 1206 sqm area covered a number of roof sections that had fallen into a state of disrepair and were in need of attention. The client wished to upgrade the thermal performance of the roof and install a new tapered insulation scheme to ensure all water drained from the roof as ponding water had been a serious issue in the past. The main roof section also had a number of barrel vault roof lights that also required upgrading, this was carried out during the roofing works.

### SOLUTION

Following discussions with the Client, it was proposed that the roof sections be completely stripped and a new Garland StressPly® Flex SBS modified system with tapered Insulation be installed. The saturated roofs were completely stripped back down to the deck in order to ensure all water contamination was removed. A new tapered insulation system was designed in order to completely reverse the existing structural falls, allowing for the standing water to be removed to a newly installed gutter system. A new Garland StressPly® Flex waterproofing system was then applied, providing an exceptional and long-lasting solution.

New T-Vault triple glazed barrel-vault roof lights were installed to replace the existing old fragile type. Due to the complexity of the project, the Garland Technical Manager was on site between two and three times a week to ensure all roofing works were being installed to the correct specification, with a full 20 year Garland warranty being issued on the successful completion of this project.

Another great Garland partnership between Client, Contractor and Full-Service Manufacturer.

StressPly is a trademark of Garland Industries



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## COMMERCIAL



<b>Project:</b>	Newport Vision Products
<b>Location:</b>	Newport, Wales
<b>Garland Rep:</b>	Dale Thomas
<b>Contractor:</b>	M A Hartley
<b>Materials:</b>	StressPly® Flex