

## High Performance Modified Bitumen Provides Waterproofing For School

Trenance Learning Academy | Newquay, Cornwall

### CHALLENGE

The 1225 sqm roof covered a large section of the main school that had fallen into a state of disrepair and was in need of attention. The client wished to upgrade the thermal performance of the roof, whilst contending with a number of low window upstands. A number of new sun pipes and a new lantern light were also required, that meant cutting through the existing deck, and upgrading of all remaining rooflights and barrel vault light was due to take place. A number of trades were expected on site to complete works within the summer holiday period.

### SOLUTION

Following discussions with the Client, it was proposed that in order to upgrade the roof section whilst maintaining the waterproof integrity, a new high performance StressPly® Flex Warm Roof System would be installed.

This enabled insulation to be incorporated within the new system, thereby meeting the schools expectations for thermal upgrading. Although a number of windows were covered over to overcome low upstand detail issues, the provision for new sun pipes meant the school had far better natural lighting than before.

Through careful management all parties liaised with each other at various stages to ensure all trades maintained a schedule. The new felt waterproofing was installed to all main areas to great success, to ensure the school was left with a brand new and long lasting roof system.

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## PUBLIC SECTOR



<b>Project:</b>	Trenance Learning Academy
<b>Location:</b>	Newquay, Cornwall
<b>Garland Rep:</b>	Paul Boole
<b>Contractor:</b>	Western Flat Roofing Ltd.
<b>Materials:</b>	StressPly® Flex

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