

Client

Carillion Property Services

Completed

November 2014

Systems used

TREMCO Repoma Rapid
Cure Roofing System

Coverage

2,800 m²

Castle Hill School had been derelict for some time and required refurbishment works to upgrade the existing building to ensure that it met with current building regulations and to provide a modern learning environment.

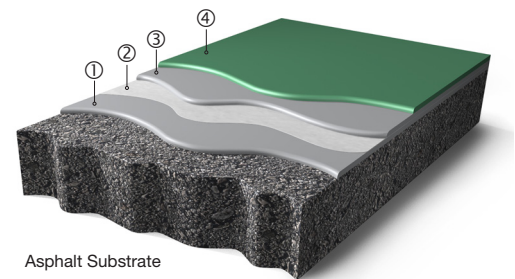
Roofing contractor Hardisty CRN were appointed to carry out the upgrade to the existing roof and they sought advice from tremco illbruck. After a close inspection of the roof by both an Area Sales Manager and a Technical Service Representative, TREMCO's Repoma Rapid Cure Roofing Membrane was recommended.

The existing felt roofing system on the flat roofs was retained as a vapour control layer and insulation layers were installed to upgrade the U values to meet current standards and then the Repoma Rapid Cure Roofing was installed to provide a 20 year solution.

TREMCO's rapid curing system offers a number of benefits over conventional liquid

waterproofing systems including; it's compatibility to most forms of construction and surfaces without the need for extensive preparation, the system can be applied with or without a carrier membrane, can be applied directly to TREMCO approved insulation boards and the system is rapid curing with a walk on time of just 1 hour.

The location of Castle Hill School meant that the area was quite exposed and when combined with the months of installation, the likelihood that they system would be applied in marginal weather conditions was high. Unlike other types of liquid applied systems, the Repoma Rapid Cure Roofing System has a curing time of just 30 minutes and as both layers chemical fuse together, the need for reactivation is eliminated, saving both time and money on site.



Standard System Build-Up Example

1. CP380 Waterproof Coating - Light Grey
2. CP581 Fleece Reinforcement Membrane
3. CP380 Waterproof Coating - Light Grey
4. CP930 Coloured Sealer Coat (optional)

Colours: RAL 7016 Dark Grey, RAL 7037 Medium Grey, RAL 6024 Green, RAL 5017 Blue and RAL 3020 Red