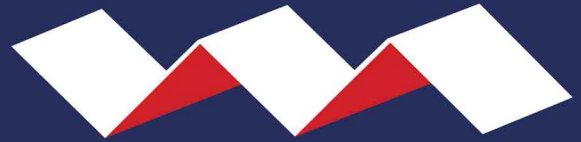


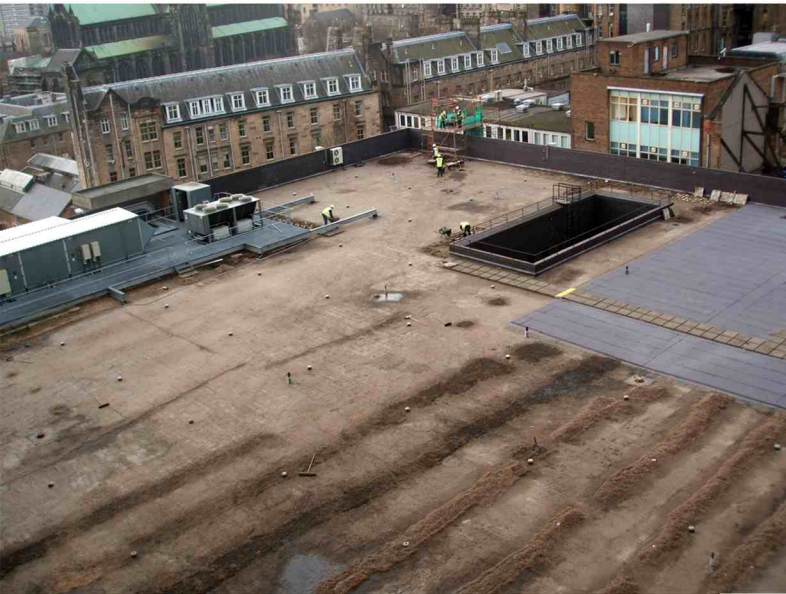
Project Profile

Glasgow Royal Infirmary

Roofing System: High Performance Liquid Coating



WEATHERPROOFING ADVISORS LIMITED



The Problem

The existing felt membrane had deteriorated throughout the roof area. The ageing process and freeze-thaw cycles had caused the felt to blister, split and crack. The stone chippings were preventing adequate water run off and accelerating the breakdown of the roofing system.

The Solution

Owing to the hospital's no hot works policy, a cold applied liquid polyurethane system was specified for the refurbishment of this 3000 square metre roof. Incorporating 50mm polyurethane insulation board, the system was fully bonded using cold applied adhesive, and an anti slip walkway was installed. The courtyard walls were clad in plastisol coated metal.

The greatest challenge was ensuring that this strategically sensitive and highly important building, which houses a variety of operating theatres and wards, was re-roofed without any rainwater ingress or disruption to its normal daily activities.

The normal restrictions when working on hospitals and public places were jointly overcome through close liaison between Liquid Plastics Limited, the Health Board and Weatherproofing Advisors.

The Benefits

The roof is now watertight and benefits from improved insulation properties, thereby saving on heating costs. The system is guaranteed for a period of 20 Years.

'**Scottish Roofing Contractor of the Year**' Award within the 'Flat Roofing Systems' category at the NFRC Annual Awards Ceremony held on 31st October 2008.

'**Contractor of the Year 2008**' Award at Liquid Plastics Limited Annual Award Ceremony held on 13th November 2008.

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