

Sika at Work

Roofing

Winter Gardens, Blackpool

Roofing: Decaflex 10





Project Requirement

Blackpool Winter Gardens has been a national treasure since its doors opened to the public in July 1878, and its ambitions as a venue have only grown and adapted alongside the seaside resorts thriving demand for Leisure and Tourism.

The Winter Gardens has always been renowned for its architectural prowess and art-deco inspired construction, and has for many years provided an atmospheric setting for performers and audiences alike, from holiday makers, through to international stars of stage, screen and radio. The Winter Gardens has played host to some of the world's biggest stars, including every British Prime Minister since World War II and legendary musicians such as the Beatles, Queen and Oasis.

Part of the old 400m² asphalt roof covering the Winter Gardens had started to fail, with cracks and water pools appearing over collapsed parts of the roof.

The Winter Gardens is positioned on the high street in the town centre of Blackpool, meaning that the area has extremely high footfall and access to the roof was extremely limited. The roof also contained a lot of intricate detailing around the perimeter. Conclusively these points, in addition to high costs, meant that re-asphalting the roof was ruled out from an early stage.

Sika Liquid Plastics Solution

Decaflex 10 was specified and a 10 year product guarantee was given to the client to provide complete peace of mind. The Dark Grey Decaflex 10 system was chosen to provide a similar look to the previous asphalt covering, which helped to maintain the original look of the iconic building.

The seamless nature of Decaflex 10 also provided a solution to the intricate edge detailing, whilst the waterproofing system's cold application reduced any disruption to business, and reduced any fire hazards.

Adverse weather conditions are a surety when a building is positioned so close to the coast. Decaflex10 offered a fast curing nature and the ability to rapidly become resistant to rain damage which was fundamental during the installation process given Blackpool's climate. The system also offered excellent thermal and UV stability, as well as being highly elastomeric ensuring that it would be able to resist rapid changes in weather. In addition, coastal locations are renowned for strong wind uplift, so the Sika Liquid Plastics Technical Services Team ensured that this was analysed and taken into account when producing the project's specification, all part of the service that comes with the product.

Project Participants

Contractor: Cumbria Contract Ltd

Client: Blackpool Borough Council



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