

# CRIBBS VENUE COMMERCIAL

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Cribbs Venue, the leisure arm of the Cribbs retail estate, is one of the South West's most popular entertainment destinations. The Venue boasts a multi-screen cinema, bowling centre, and a variety of restaurants. As Cribbs is at the heart of one of the UK's fastest-growing areas, Central Group is proud to have contributed to the maintenance and enhancement of this prominent facility.

**LOCATION**  
**BRISTOL**

**CLIENT**  
**CW DUKE & TFT CONSULTANTS**

**TIMESCALE**  
**8 MONTHS**

**BUDGET**  
**£1M**

**SIZE**  
**10,600m<sup>2</sup>**



## Solution

A survey conducted by Central Group in partnership with Alumasc revealed that the original roof had reached the end of its serviceable life. The roof, divided into three distinct areas due to various build-ups, was 26 years old and showed significant signs of wear, including noticeable damages, cuts, splits, and vegetation growth. These issues had led to multiple reports of water ingress into the building. Prior to commencing the refurbishment, Central carried out several emergency repairs to address immediate concerns. The client required a robust solution that could provide a 35-year guarantee.

Alumasc Olivine Derbigum was used on this project. Olivine reacts with CO<sub>2</sub> in the atmosphere, helping to capture and neutralise carbon dioxide. Our use of Olivine Derbigum on this project has achieved an environmental benefit equivalent to reducing 132,114km of diesel emissions.

## Our Work

The roof refurbishment was executed in four carefully planned phases to minimise disruption to the live building and ensure continuous protection from the occupants. In Phase 1, Alumasc BGT 30mm insulation was bonded to the existing PVC membrane, followed by the application of one layer of torch-on cap sheet. Phase 2 involved installing a mechanically fixed cap sheet through the existing PVC membrane and insulation into the metal deck, with hot air welding on the laps. The same system used in Phase 2 was applied to the low-level triangular roofs in Phase 3. Finally, Phase 4 focused on the restaurant roof, using the same system as in the previous phases.

The project presented several challenges that our team overcame:

- The Venue remained operational throughout the refurbishment, necessitating careful planning and execution to avoid disruption.
- Working around existing mechanical and electrical equipment required precision and careful coordination to ensure no disruption to the building's operations.

