



# Brookman building bright future

## SPECIFICATIONS

**Project:**  
Brookman Building –  
University of South Australia

**Architect:**  
Grieve Gillett

**Restoration:**  
Heritage Stone Restorations  
Pty Ltd

**Stone Replacement:**  
Waikerie Limestone

**Location:**  
Adelaide

The Brookman Building stands as the first purpose built building for the South Australian School of Mines and Industries, established in 1888. The building was designed by the notable architect, Superintendent Public Works, C E Own Smyth and staff architect, Mr Krichauff, as a three storey building with a basement and large meeting hall. The building accommodated the rapidly expanding School of Mines and Industries and was completed in 1903.

The Brookman Building continues to serve the needs of the school – now the University of South Australia.

The Building was constructed in red clay bricks with Murray Bridge Limestone features. The University of South Australia were concerned when large fragments of stone were spalling from the tower parapets. An inspection was carried out

by structural engineers to find that the original steel fixings to the stone work were rapidly corroding, mainly caused by water ingress through the limestone. In 2007 Architects Grieve Gillett prepared a detailed conservation plan to dismantle the top section of the tower and all castellations to 3 elevations of the building. Heritage Stone Restorations reinstated the stonework with new structurally designed stainless steel fixings. The deteriorated and damaged stone was replaced with Waikerie Limestone as a similar match in colour and character to that of Murray Bridge. A lime shelter coat was applied to protect the stone from any further water ingress. Other works carried out were specialist cleaning of the stone and brick façades, earthquake stabilizing of the chimneys and pinnacles and repointing to the stone and brickwork in a traditional Lime Mortar. <sup>25</sup>



