

CASE STUDY

## WEST MALING HOUSE Penshurst, NSW

The heritage listed West Maling house in Penshurst was damaged following severe storms in New South Wales. This beautiful Tudor Style Heritage Building was built circa 1888. During the storms a number of the original roof tiles became dislodged and due to the age of the building, it sustained internal water damage as well as damage to some of the roof battens.

The Bay Building Services NSW team worked closely with all parties involved to ensure that the rectification works completed to approximately 105m2 roof complied with all regulations and requirements for this heritage listed building.

The team worked quickly to erect five board wide scaffolding for access and storage during repairs. The roof was done in sections and each part of the rectification was carefully documented. Every care was taken by the team to ensure that the original slate roof tiles were stored, sorted by type, style and thickness so that they could be reused. They then quickly installed the oregon battens and sarking to ensure the roof was water tight. The team reinstalled the removed tiles as per traditional fixing, using clout head nails and interlocking methods to sections of roof as detailed in the heritage impact statement. Where existing tiles could not be used, replacement tiles were sourced from the UK and blended in.

At the same time additional works were carried out to the chimney flashings and guttering as well as internal patching and plastering to the house. Works were completed within a month in late 2017 and all works arranged so that the centre remained fully operational throughout.



BBG TEAM: Bay Building Services PROJECT TYPE: Heritage Listed Restoration PROJECT SIZE: 105m2 BUILDING TYPE: Heritage Listed House PROJECT VALUE: \$180k





THICKNESS OF THE ORIGINAL ROOF TILES