



Case Study

Montana Apartments



Product Range: Architectural Timber

Heritage-listed 1920 Montana building, designed by John Burcham Clamp and Walter Burley Griffin, was revamped meeting heritage overlay, high wind loading, and fire rating.

Architect: Welsh + Major
Builder: Renfay Projects

'Oriented to capture the cinematic vista of the Sydney Opera House, Harbour Bridge, and skyline.'



Challenge

Being authentic to the heritage overlay, windows and doors had to match the original. The site was quite difficult because of its high exposure to wind due to being situated right on Sydney Harbour.

It also required 60-minute fire windows on one elevation, again following the heritage aesthetic. The structural and water ingress performance was essential for the project.





Solution

Custom-made timber windows and doors satisfy the heritage overlay, and N5 and N6 tested products satisfied high wind loading requirements.

On the fire rated elevation, Schott Pyranova® glass was incorporated into double glazed IGU's and sashes can be individually operated with motor drives or will close automatically in case of fire.

Adler 3 coat water- based paint reduces maintenance from the salt laden winds.

All products are tested, approved and comply with AS1288:2021, AS2047:2014, and AS1530.4:2014.

