



Case Study

# Jewel Box - Heritage



**Product Range:** Architectural Timber - Heritage

*Redesigned using Passive House principles, the owner was committed to restoring the outside of this Edwardian bungalow*

Architect: Lovell Chen

# Finalist AGWA Residential Windows Design Award



## Challenge

City of Melbourne heritage overlay for the existing part of the building required special considerations with renovation and extension.

In addition, the owners wanted Passive House principles to be used throughout, needing highly energy efficient windows and doors.

Existing leadlights were to be reused and window details had to match the original double hung style.





## Solution

A major component of this renovation and extension are Paarhammer double glazed windows and doors with low-E glass: Heritage Range for the existing part of the building, and Architectural Timber Range for the extension.

A new addition has been built over the existing brick garage and cleverly linked by a two-story glass structure hidden behind timber slats. This area features fixed glazing whereas openable dormer windows were added to a new mezzanine floor.

This building is now spacious and unfolds as one walks through, providing space for the family while returning the exterior to its original with its Arts & Crafts detailing.

