

# You can use **TIMBER CLADDING** on houses, townhouses, villa units...

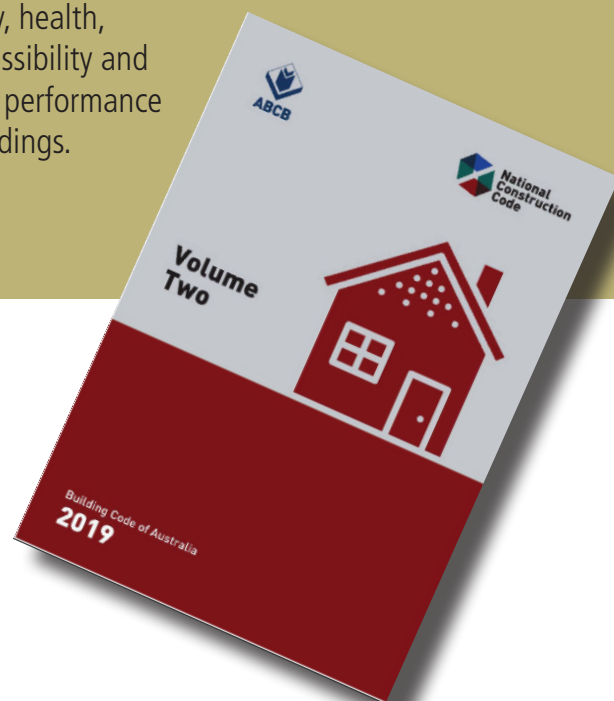
Timber cladding products are highly valued and widely used in the housing market (Class 1 buildings) for their beauty, aesthetic qualities, ease of installation and their proven performance.

From the traditional timber weatherboard to today's sleek and modern profiles and systems, there is an external timber cladding solution to suit everyone's desires and needs.

*Credit: Matt Gibson Architecture & Design | Kooyong Residence*

The National Construction Code, Volume Two – Building Code of Australia 2019 (NCC), provides the technical design and construction requirements relevant to domestic houses. It sets the minimum required level of safety, health, amenity, accessibility and sustainability performance for these buildings.

Timber cladding can be used on detached houses, terrace houses, row houses, villa units and small boarding houses, guest houses, hostels and the like in accordance with the requirements of the NCC.







*Credit: Radial Timber*



*Credit: Weathertex*

The fire safety provisions of the NCC require that houses are protected from the spread of fire from near-by buildings either on the same allotment (e.g. dual occupancies) as well as adjacent allotments (e.g. neighbours); and that house occupants are provided with an automatic warning in the event of a fire (i.e. smoke detectors).

There are no fire requirements for houses if external walls are 900mm or more away from an allotment boundary (e.g. as occurs with the installation of a 900mm side of house pathway); or 1800mm or more from another building on the same allotment (e.g. as typically occurs with dual occupancy developments).

If, however, an external wall is required to be within 900mm of an allotment boundary or another building on the same allotment, a 60-minute

fire-rated external wall (i.e. FRL 60/60/60 from the outside only) is required... as well as protecting any openings that may occur in the fire-rated wall (e.g. minimum 35mm thick self-closing solid core timber door) – refer NCC Clause 3.7.2.4 for specific details.

There are fire-rated external timber clad wall systems that can be used to comply with the NCC provisions, and careful consideration needs to be given to the detailing of fire-rated walls (particularly at eaves level and roof junctions) and the ability to access, maintain and replace timber cladding as required. Further guidance and detailing can be obtained from fire-protective grade lining manufacturers or the WoodSolutions Technical Design Guide #01 Timber-framed Construction for Townhouse Buildings Class 1a.



*Credit: Britton Timbers*



*Credit: Frencham Cypress*