

AUSTRALIAN BUSHFIRE CODE

Table 3.7.4.1

CONSTRUCTION FOR MEDIUM, HIGH, AND EXTREME CATEGORIES OF BUSHFIRE ATTACK

ROOF MOUNTED EVAPORATIVE COOLING UNITS

- 1 Medium bushfire attack category**
All openings into the cooling unit must be protected by corrosion-resistant steel or bronze mesh with a maximum aperture size of 1.8mm
- 2 High bushfire attack category**
As per requirements for category for medium bushfire attack except that the outer case of the evaporative cooling unit must be of *non-combustible* material.
- 3 Extreme bushfire attack category**
As per requirements for high bushfire attack category.

GUTTERS AND DOWNPIPES

- 1 Medium bushfire attack category**
Materials or devices used to stop leaves collecting in gutters must have a flammability index of not more than 5 when tested in accordance with AS 1530.2
- 2 High bushfire attack category**
As per requirements for category for medium bushfire attack.
- 3 Extreme bushfire attack category**
As per requirements for category for medium bushfire attack.

SERVICE PIPES (Water & Gas)

- 1 Medium bushfire attack category**
Piping for water and gas supplies must:-
 - (a) Be buried to depth of not less than 300mm below finished ground level; or
 - (b) Be of metal.
- 2 High bushfire attack category**
As per requirements for category for medium bushfire attack.
- 3 Extreme bushfire attack category**
As per requirements for category for medium bushfire attack.

VERANDAHS AND DECKS

- 1 Medium bushfire attack category**
 - (a) Slab on ground or suspended concrete slab
 - (b) Any supporting posts or columns must comply with the requirements of this table for supporting posts columns stumps, piers and poles.
 - (c) Any supporting walls must comply with this table for *external walls*.
 - (d) Where sheeted or tongued and grooved solid flooring is used, the flooring system must comply with this table for flooring systems.
 - (e) When spaced timber deck flooring is used:-
 - (i) The gap between the timber deck flooring must not be less than 5mm: and
 - (ii) To facilitate access for extinguishment, the perimeter of the crack must not be enclosed or access to the space beneath the deck be impeded: and
 - (iii) The timber deck flooring must be separated from the remainder of the building in a manner that will not spread fire into the building.