

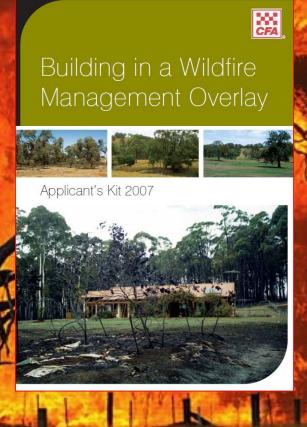
WMO: BAL

- Wilfire Management Overlay planning scheme
- Bushfire Attack Level to determine risk
- All homes in Victoria are now in a bushfire prone area!

...yup - even an apartment in the cbd!

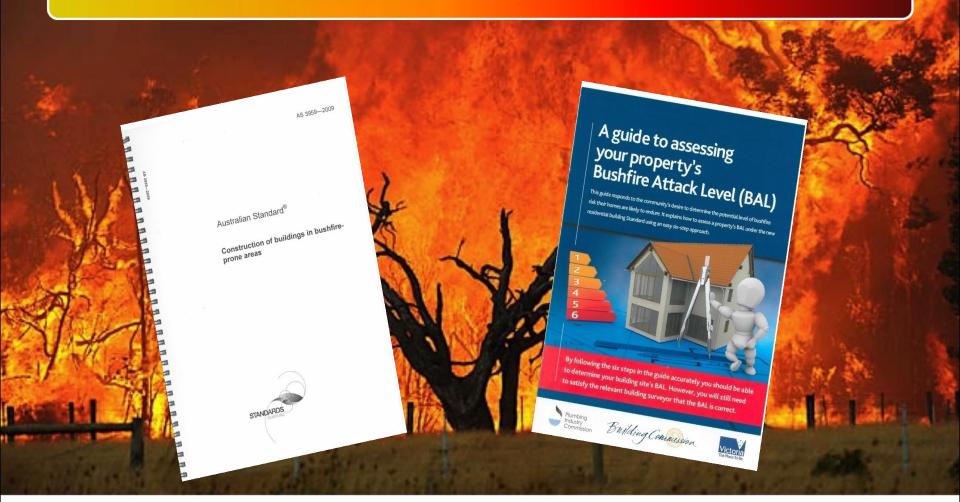
Town Planning

- WMO requires completion of 'CFA Applicants Kit':
- Contains 3 options for your site:
 - 1. : lower risk
 - 2. : higher risk
 - 3. : detailed assessment of the site (4 steps)
 - Sign the declaration form agreeing to the CFA conditions (access, water supply etc.)
- CFA assess your application and should advise your BAL



Building Permit

BAL: LOW 12.5 19 29 40 FZ



BAL's

LOW: none

12.5: risk is low: ember attack, radiant heat 12.5kW/m²

19: risk is moderate: ember attack & burning debris, radiant heat

12.5 - 19kW/m²

29: risk is high: ember attack & burning debris, radiant heat 19 -

29kW/m²

40: risk is very high: ember attack & burning debris, likelihood of

flame contact, radiant heat 29 - 40kW/m²

FZ: risk is extreme: ember attack & burning debris, direct flame

contact, radiant heat 40kW/m² and up

10kW/m² = pain to humans after 3 seconds! 55kW/m² = timber ignites in 10 seconds without flame!

Materials...

Bushfire resisting timbers are acceptable up to, and including BAL

29

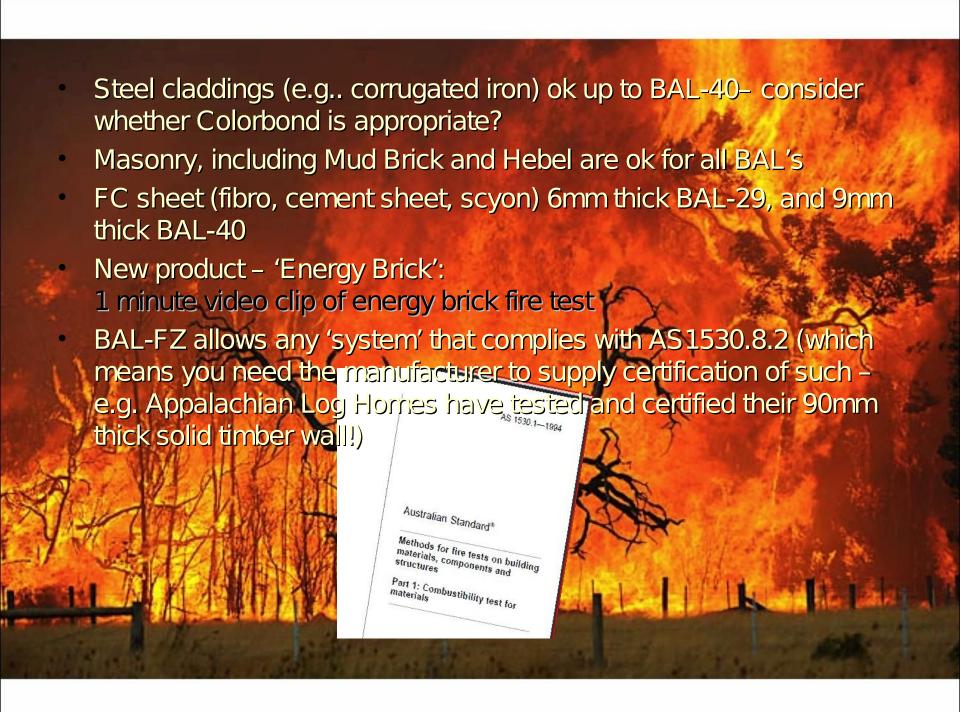
F4 TESTED SPECIES

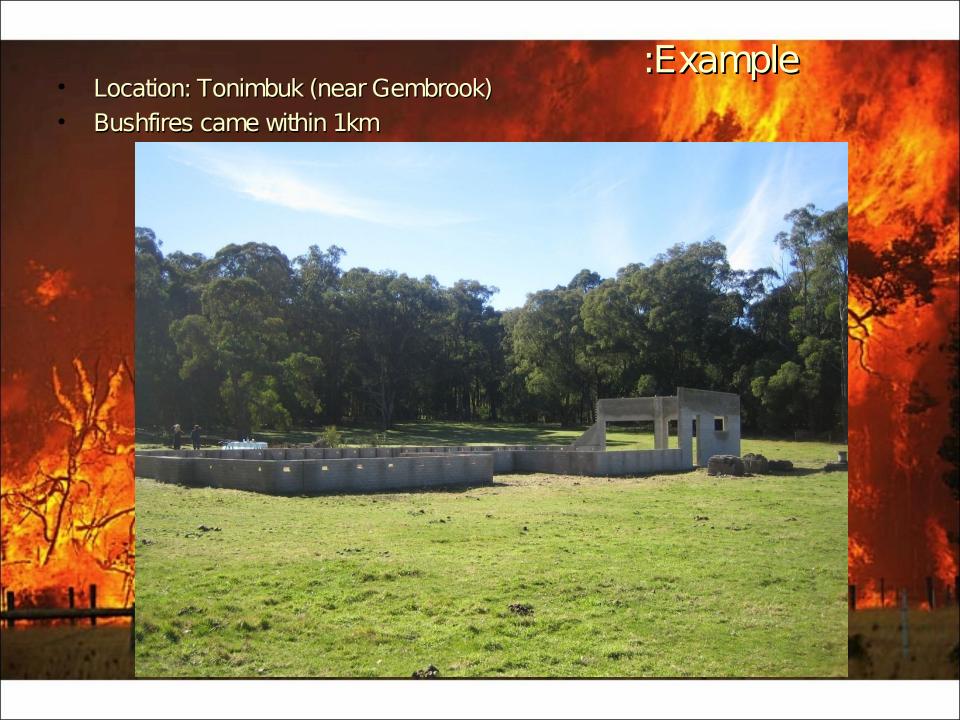
AS 3959-2009

The following species have been tested and have met the requirements of Paragraph F2 above:

| Standard trade name | Botanical name |
|---------------------|--------------------------|
| Ash, silvertop | Eucalyptus sieberi |
| Blackbutt | Eucalyptus pilularis |
| Gum, red, river | Eucalyptus camaldulensis |
| Gum, spotted | Corymbia maculata |
| | Corymbia henryi |
| | Corymbia citriodora |
| Ironbark, red | Eucalyptus sideroxylon |
| Kwila (Merbau) | Intsia bijuga |
| Turpentine | Syncarpia glomulifera |

Other timbers may comply – need to meet specific testing criteria Be careful with recycled timbers!





:Example WMO Assessment: gembrook tonimbuk road medium forest = 1067 weodland = 3206 medium forest = 4140 50m 65 metres grassland = 1730 100 metres neighbouring dam grassland = 18559 medium forest = 5587 grassland = 4896 woodland = 1225 Vegetation Assessment Zone neighbouring dam 1 : Wildfire Assessment Plan 1:2000 Predominant Vegetation Area Analysis: 25185 (62%) 4431 (11%) Grassland Woodland Medium Forest -10794 (27%) 40410 (100%)

:Example

Form 4

PLANNING PERMIT Permit No: T090

Planning Scheme: Cardinia Planning Scheme

Responsible Authority: Cardinia Shire Council

ADDRESS OF THE LAND:

Lot:1 PS519344Y, Gembrook-Tonimbuk Road

Tonimbuk

THE PERMIT ALLOWS:

The development of the land for the purpose of constructing a dwelling and completion of the construction of a shed generally in accordance with

the approved plan/s.

THE FOLLOWING CONDITIONS APPLY TO THIS PERMIT:

CFA Footnotes

Category of Bushfire Attack Level (BAL)

Planning Permit : BAL certification

The land is in a bushfire prone area with a vegetation classification of grassland between the predominant vegetation within 100 metres of the proposed dwelling. This corresponds to a minimum requirement of 12.5 of the Bushfire Attack Level under AS 3959-2009.

in a 1 in 8 (12.5%)(7.1degrees) entry and exit

e dwelling and water supply, including gates, 30 m long, the driveway:

ed and maintained for a load limit of at least

and

ifficable width of 3.5 metres, and

metres vertically. (see Appendix A: Figure

3)

16. Vegetation Management Requirements:

A distance of 30 metres around the proposed dwelling or to the property boundary whichever is the lesser) must be maintained to the following requirements during the declared 'Fire Danger Period' to the satisfaction of the Responsible Authority:

- Grass must be no more than 100mm in height
- Leaf litter must be less than 10mm deep
- There must be no elevated fuel on at least 50% of the area. On the remaining 50% the elevated fuel must be at most, sparse, with very little dead material.
- Dry native shrubs must be isolated in small clumps more than ten metres away from the dependent person's unit.
- Trees must not overhang the roofline of the building.



CFA Footnotes

Category of Bushfire Attack Level (BAL)

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