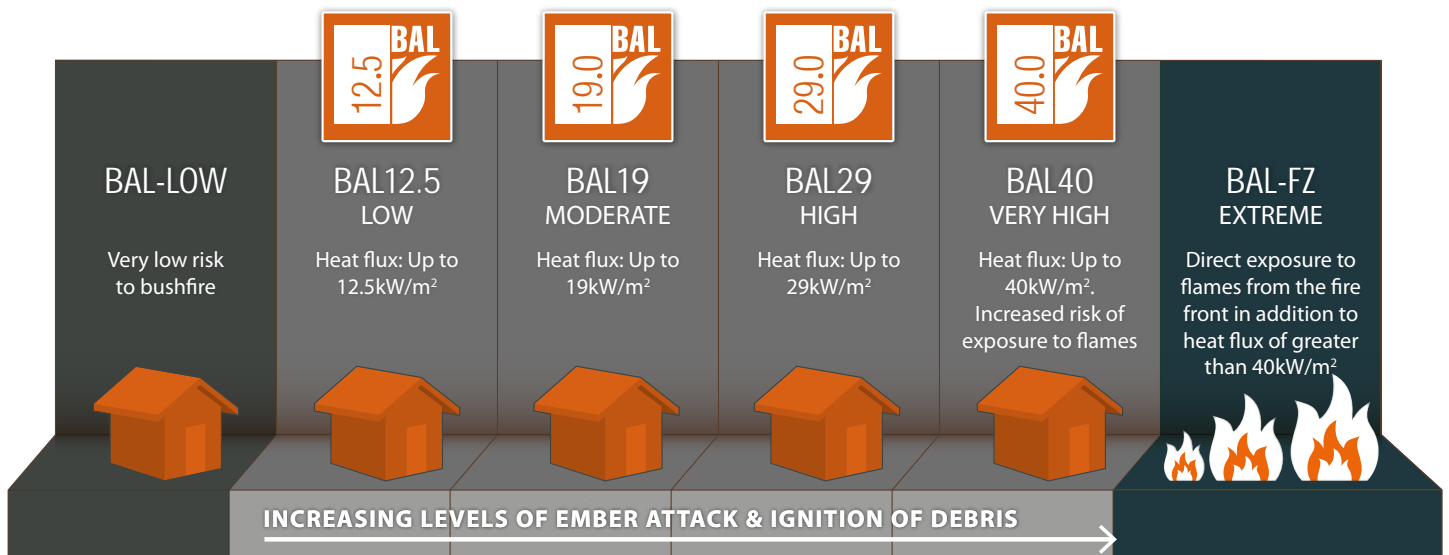




Our comprehensive range of doors and door frame systems have been tested to meet the AS1530.8.1 criteria set for buildings in Bushfire Attack Level (BAL) zoned areas. All our BAL tests are conducted in Australia by an independent third-party fire testing consultancy firm.

Doors must be installed as per AS3959 to conform to BAL compliance.

Bushfire Attack Level (BAL) measured in increments of radiant heat expressed in kilowatts /m². This defines your BAL Rating requirement. The diagram below shows the BAL ratings along with the radiant heat flux for each zone.



Check specifications tables for each range to see BAL ratings

BAL19 & BAL29 DOORS



BFR1



BFR2



BFR3



BFR4



BFR5



BFR6



BFR7



BFR8



BFR9



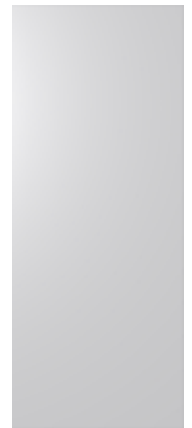
BFR13



BFR14



BFR15



BFR30

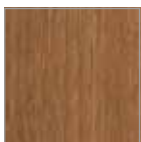
Face Options



DuraXP (standard)



SPM



Merbau

6mm Toughened Glass Options



Clear (6mm)



Grey Tint (6mm)

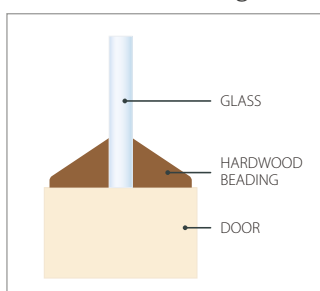


Africana (6mm)







Frost (6mm)

BAL19 & 29 Glazing Profile



Specifications

	Solid HMR MDF Core (DB)		
	Unglazed	Rw:30	STC:29
	Glazed	Rw:31	STC:31
	BAL19 & 29		
	40kg		

- Door thickness is 40mm
- We recommend ordering Door & Frame together to ensure compliance with BAL
- A minimum of 3 x 100mm square butt hinges for doors up to 2040x820mm. For doors over this size 4 x 100mm square butt hinges are required
- BFR9 only Routed: Both sides
- BFR13 only Moulding: One side

BUSHFIRE RESISTANT DOORS & FRAMES

BAL19 & 29 MERBAU WEATHERGUARD FRAMES

■ Factory Assembled Frame

Fully assembled with an intumescent fire & smoke perimeter seal compliant to BAL19 & 29, the seal is removable for painting and is easily reinstalled. Frame has factory fitted hinges

■ Timber Jambs & Head

Made of premium hardwood. BAL19 & 29 Weatherguard entrance frames are suited for bushfire zones BAL12.5, 19 & 29 when installed as per AS3959

■ Perimeter Seal

BAL19 & 29 Weatherguard systems have a full intumescent fire & smoke perimeter seal that is BAL compliant

■ Factory Fitted Hinges

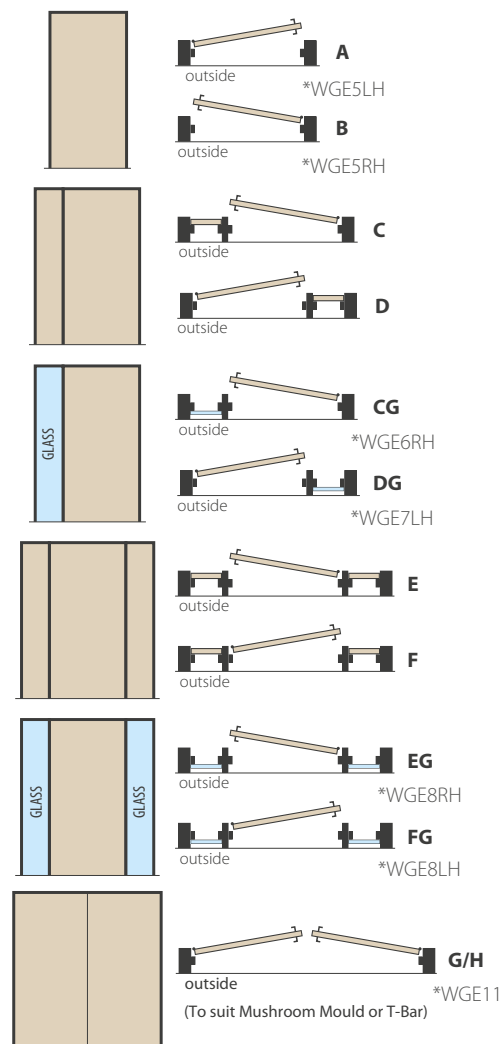
Frame supplied with hinges



■ Self-draining aluminium sill

Non-combustible aluminium sill with a generous tread pattern that helps to reduce slips. Self-draining and supplied with protective tape for protection during the construction/installation process

HANDING OF FRAME



- BAL19 & 29 Merbau Weatherguard entrance frames are suited for bushfire zones BAL12.5, 19 & 29 when installed as per AS3959
- We recommend ordering Door & Frame together to ensure compliance with BAL. Choose from any door within the BAL19 & 29 door range
- Hinges supplied with frame
- Door is supplied with machine cut outs for hinges when ordered with frame
- CG\DG & EG\FG frames are glazed using 6mm toughened glass and must be screened with a BAL compliant screen as per AS3959 (screen not included)

Specifications

	Rw:31	STC:31
	BAL19 & 29	

BAL40 DOORS



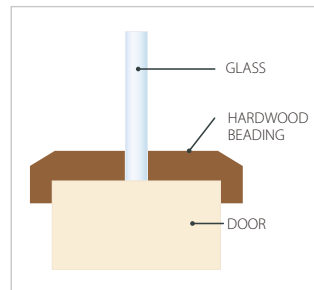
Face Options



6mm Toughened Glass Options

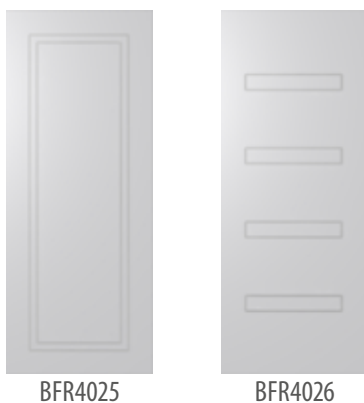
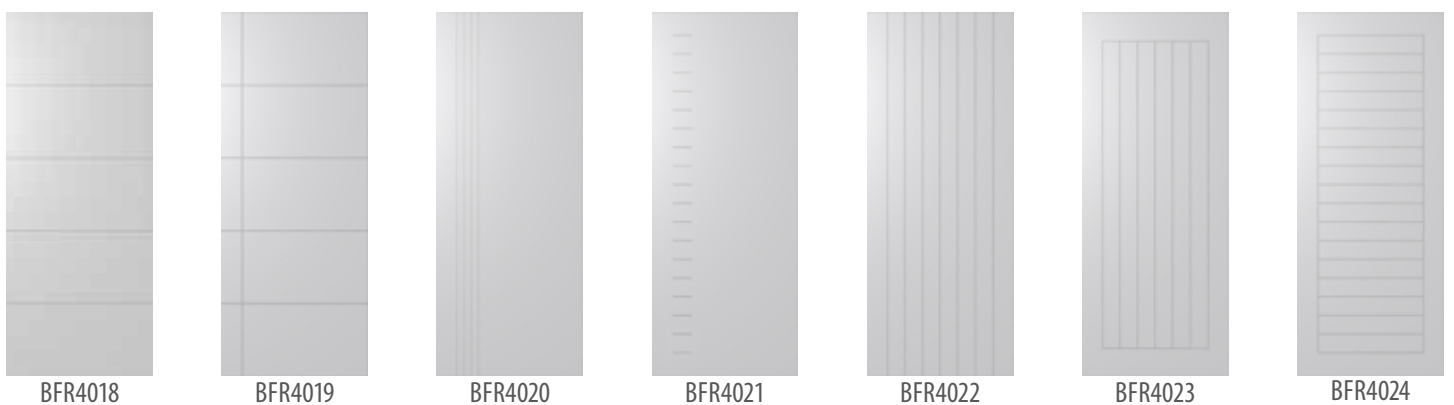


BAL40 Glazing Profile

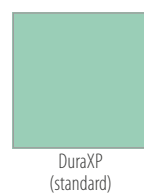


Specifications

	BAL40 Construction	
	Rw:32	STC:30
	BAL40	
	45kg	



Face Options



Specifications

	BAL40 Construction	
	Rw:32	STC:30
	BAL40	
	45kg	

- Merbau not available for BFR4017
- Door & Frame must be supplied together to comply to BAL40 as tested to AS1530.8.1
- Door thickness is 45mm
- Door systems supplied with a minimum 4x100mm square butt hinges as tested to AS1530.8.1 and compliant to BAL40
- 6mm Toughened safety glass and double sided fire-resistant hardwood glazing bead as tested to AS1530.8.1

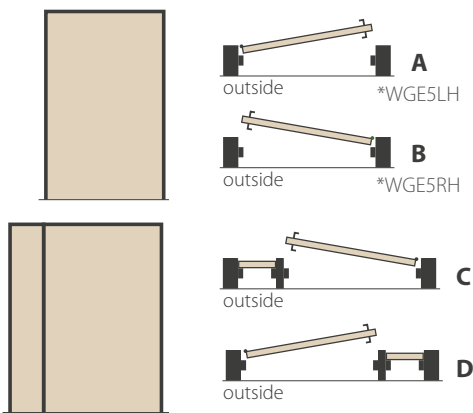
BUSHFIRE RESISTANT DOORS & FRAMES

BAL40 MERBAU WEATHERGUARD FRAMES

■ Factory Assembled Frame

Tested to AS1530.8.1 and compliant to BAL40. Our fully assembled BAL40 frames are factory fitted with 4 hinges. Frames are fitted with an intumescent fire & smoke perimeter seal

HANDING OF FRAME



*Victoria Configuration Codes

■ Timber Jambs & Head

Made of premium hardwood. BAL40 Weatherguard entrance frames are tested to AS1530.8.1 and compliant to BAL40

■ Perimeter Seal

BAL40 Weatherguard systems have a full intumescent fire & smoke perimeter seal that is BAL compliant and tested to BAL40

■ Factory fitted with 4 Hinges

Frame supplied with hinges





■ Self-draining aluminium sill

Non-combustible aluminium sill with a generous tread pattern that helps to reduce slips. Self-draining and supplied with protective tape for protection during the construction/installation process

- Door & Frame must be supplied together to ensure compliance with BAL40
- Choose from any door within the BAL40 door range
- Door is supplied with machine cut outs for hinges
- BAL40 Merbau Weatherguard entrance frames have been tested to comply with BAL40 and are manufactured as per AS1530.8.1

Specifications

	Rw:31	STC:31
	BAL40	