Masonite Beams Construction Details Roofs









1 Small gap: 3 to 50mm 2 Tight fit to bottom

For web stiffener sizes, please refer to Floor Technical Guide. Web stiffeners are not required unless used with hangers that do not extend up to restrain the top flange of the joist, or as required by design. Use 3.75 x 90mm nails for HB series Joists

R7a BACKER BLOCK (FIXING & SPECIFICATION)

1 3.35 x 65mm nails clenched (3.35 x 90mm nails for HB Joists)





	SERIES	FILLER BLOCK THICKNESS	DEPTH	FILLER BLOCK DEPTHS	
			220	120mm	
	HL/H	18mm wood panel	240	140mm	
	HM	25mm wood panel	300	200mm	
	HI	30mm wood panel	350	250mm	
	HB	44mm wood panel	400	300mm	
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Total thickness may be made up of 2 panels.

SERIES	FILLER BLOCK THICKNESS	DEPTH	FILLER BLOCK DEPTHS
HL/H	36mm timber	220	120mm
HM	50mm timber	240	140mm
HI	60mm timber	300	200mm
HB	80mm timber	350	250mm
		400	300mm

R7 backer block application



${ m R8}$ filler block application









R15 masonry wall restraint



R16 flat roof parapet eaves

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instructions

Roof covering and gutter details as specified by the Building Designer

The Builder is to ensure that there is sufficient masonry above the hanger to meet the manufacturer's specifications.



R17 flat roof overhanging eaves

- Rimboard fixed to each joist using 1no. 3.35 x 65mm lg galv (or approved) wire nail to each joist flange
- 2 Additional fixing to rimboard at max. 2.0m centres comprising 2no. framing anchors and plywood backers
- 3 LVL or glulam rim board
- 4 Plywood web stiffener
- 5 I-Joist Blocking required if masonry does not restrain the top flang
- 6 Holding down strap by Builder to Building Designer's specification
- Roof covering and gutter details as specified by the Building Designer.



THESE CONDITIONS ARE NOT PERMITTED UNDER ANY CIRCUMSTANCES

If in doubt, please ask for advice before you cut.

 NO holes close to joist ends
Use hole chart for max. size
& min. distance to wall.
 NO notches in flanges of
Masonite joists
 NO bevel cuts beyond the
inside face of wall
 NO notches or holes in
Glulam
Except as advised in hole
chart for the product.

 Image: Comparison of the product of the

BS5268 Version

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