

## BOXED EAVES: MAXIMUM BEARER AND FASTENER SPACING

Sheet Edges supported on framing - 4.5mm Framing

SHEET THICKNESS	MAXIMUM EAVES WIDTH	AS 4055 WIND CLASSIFICATION	ELSEWHERE IN BUILDING		WITHIN 1200MM OF THE EXTERNAL BUILDING CORNERS	
			TRIMMER SPACING (mm)	FASTENER SPACING (mm)	TRIMMER SPACING (mm)	FASTENER SPACING (mm)
4.5mm	To 600mm Max	N1	900	300	600	300
		N2	900	300	600	300
	>600 to 1200mm Max	N1		300	600	300
		N2		300	550	300
6mm	To 600mm Max	N1	1200	300	1050	300
		N2	1200	300	950	300
	>600 to 1200mm Max	N1	1100	300	850	300
		N2	1100	300		300
<b>Notes:</b>	Fastener spacings based on using 2.0 x 30mm Galvanised Fibre cement nails. Locate Fasteners not less than 12mm from shet edges and 50mm from sheet corners Eave sheet requires long edges of linings continuously supported along the fascia and external wall <b>Best Practice Note:</b> Tiled Roof frames @ 600mm Rafter Centers, eave framing will comply with Table above without the requirement of additional eave framing. Metal Clad roof framing @ 900mm Center Rafters, 4.5mm Eave sheet will be required to be upgraded to 6mm Eave sheet on 20deg Roof pitch with 3 brick course drop off, due to eave sheet spanning greater than 600mm and requiring bearers at centers smaller than rafter centers (requiring increased framing)				<b>Off frame jointing of sheet edges</b> Where the short sheet edges are jointed off frame, use a PVC straight joint. Adjust the maximum bearer centres at each side of the joint to be the lesser of: 450mm for 4.5mm thick sheets, and 600mm for 6mm thick sheets, and the bearer spacings shown in Tables 2 and 3. Fastener spacings remain as shown in Tables 2 and 3.	
<b>Sources:</b> James Hardie Eaves and Soffits Technical Specification - Australia JANUARY 2012 Apollo Improvements Best Practice						