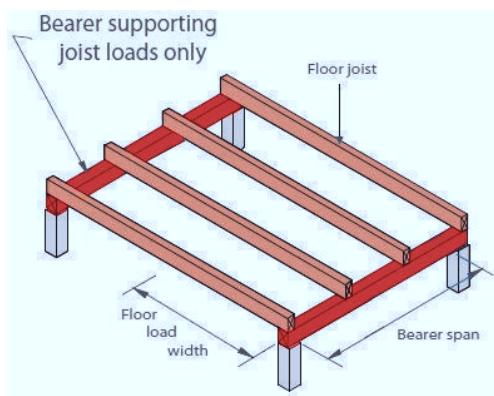
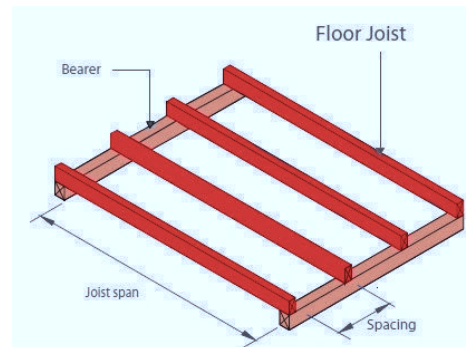


SPAN TABLE

100x45mm - Joists Supporting Floor Loads Only

Joist Spacing (mm)					
300	450	600	300	450	600
Maximum Single Span (mm)			Maximum Continuous Span (mm)		
2400	1850	1700	2800	2150	2000

SPAN TABLE NOTES: Designs are in accordance with criteria in AS 1720.3-2016. Applied floor loads are 40kg/m² dead load and 1.5kPa/1.8kN live load. Where one span is more than twice the adjacent span use single span values.



100x63mm - Bearers Supporting Joist Loads Only

Floor Load Width (mm)					
1200	1800	2400	3600	4800	6000
Maximum Single Span (mm)					
1800	1600	1400	1200	1100	1000
Maximum Continuous Span (mm)					
2300	2000	1800	1500	1300	1100

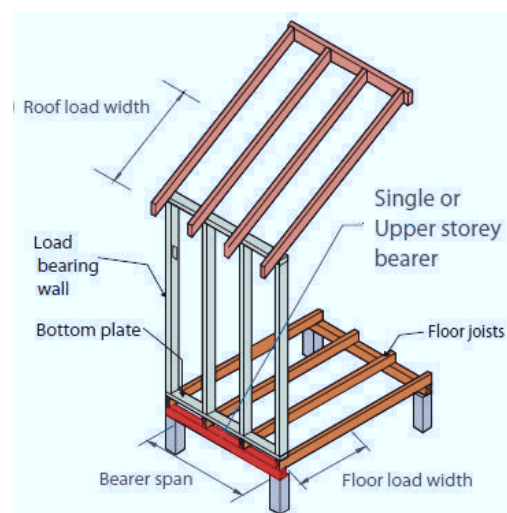
SPAN TABLE NOTES: Designs are in accordance with criteria in AS 1720.3-2016. Applied floor loads are 40kg/m² dead load and 1.5kPa/1.8kN live load. Where one span is more than twice the adjacent span use single span values.

100x63mm - Bearers Supporting Roof Loads

Lower or Upper Storey Load Bearing Walls (Wind Classification N1 - N3)

Floor Load Width (mm)	900			1200			1500		
Roof Load Width (mm)	1500	3000	5000	1500	3000	5000	1500	3000	5000
Roof mass (kg/m ²)	Maximum Single Span (mm)								
40 (Sheet)	1500	1400	1300	1500	1300	1200	1400	1300	1200
90 (Tile)	1400	1200	1000	1300	1200	1000	1300	1100	1000
	Maximum Continuous Span (mm)								
40 (Sheet)	2100	1900	1700	2000	1800	1700	1900	1800	1600
90 (Tile)	1800	1600	1400	1800	1600	1400	1700	1500	1300

SPAN TABLE NOTES: Designs are in accordance with criteria in AS 1720.3-2016. Applied floor loads are 40kg/m² dead load and 1.5kPa/1.8kN live load. Where one span is more than twice the adjacent span use single span values.



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Updated September 2025

SPAN TABLES FOR WALL STUDS

COMMON WALL STUDS:

FLW (m)	NOT NOTCHED			NOTCHED (max 20mm)					
	Maximum Allowable RLW (m)			Maximum Allowable RLW (m)					
	Sheet / Tile Roof			Sheet / Tile Roof					
	Studs up to 600crs			Studs at 450crs			Studs at 600crs		
	up to 4.2m			0	2	4.2	0	2	4.2
90x35 meyWALL	10			10			10	8.7*	6.8*
90x45 meyWALL	10			10			10		
90x63 meyWALL	10			10			10		

Values with an asterisk (*) can increase to 10m RLW for sheet roof applications

STUDS SUPPORTING CONCENTRATED LOADS:

Floor m²	NOT NOTCHED					
	Maximum roof area supported (m²)					
	Sheet Roof			Tile Roof		
	0	5	10	0	5	10
2/90x35 meyWALL	40	38	34	24	22	17
2/90x45 meyWALL	40	40	40	31	29	27
90x63 meyWALL	38	34	30	22	20	13

Floor m²	NOTCHED (max 20mm)					
	Maximum roof area supported (m²)					
	Sheet Roof			Tile Roof		
	0	5	10	0	5	10
2/90x35 meyWALL	32	29	20	19	17	9
2/90x45 meyWALL	40	38	34	24	22	17
90x63 meyWALL	29	25	13	17	15	5



JAMB STUDS:

FLW (m)	NOT NOTCHED					
	Maximum opening width (mm)					
	Sheet Roof			Tile Roof		
	0	2	4.2	0	2	4.2
2/90x35 meyWALL	1.5m RLW	5000	5000	4300	5000	4800
	4.5m RLW	4650	4100	3550	3950	3500
	7.5m RLW	3750	3350	3000	3000	2750
2/90x45 meyWALL	1.5m RLW	6000	6000	5700	6000	6000
	4.5m RLW	6000	5400	4650	5200	4650
	7.5m RLW	4950	4200	3950	4000	3650
3/90x35 meyWALL	1.5m RLW	6000	6000	6000	6000	6000
	4.5m RLW	6000	6000	5500	6000	5500
	7.5m RLW	5850	5250	4700	4750	4300
3/90x45 meyWALL	1.5m RLW	6000	6000	6000	6000	6000
	4.5m RLW	6000	6000	6000	6000	6000
	7.5m RLW	6000	6000	6000	5650	5100

NOTES:

- Maximum stud height 2.7m.
- Sheet roof 40kg/m² (max rafter spacing 900mm), Tile roof 90kg/m² (max rafter spacing 600mm).
- Wind classification up to and including N3.
- Values limited to 10m RLW, 40m² roof area and 6000mm opening width.
- For stud heights greater than 2.7m and loading outside the scope of these span tables, use the free designIT software.



Scan for more information on designIT software.

TECHNICAL SUPPORT:

meyWALL is a suitable alternative wherever MGP12 is specified in wall frame stud and plate applications.

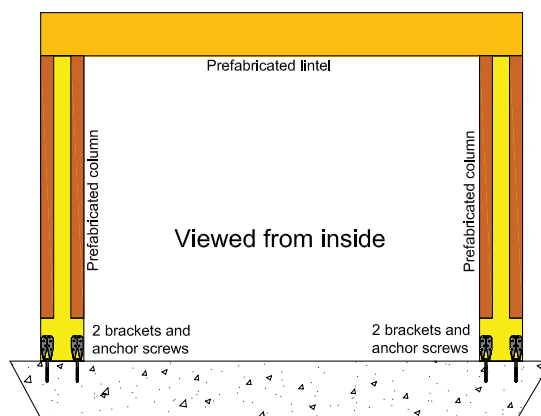
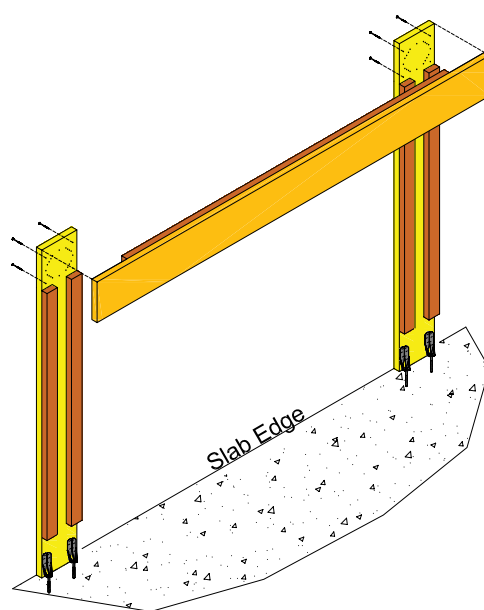
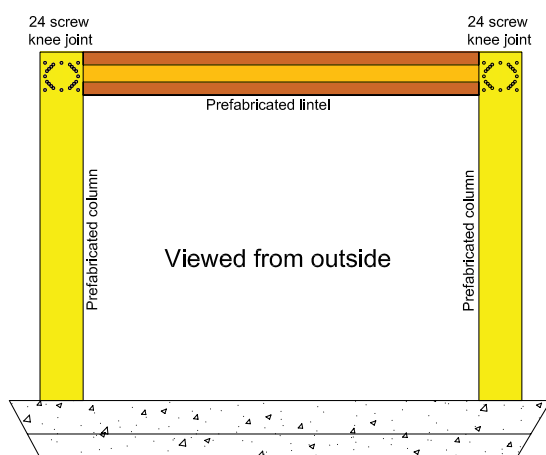
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BRACING SOLUTIONS FOR NARROW WALL PANELS

An efficient bracing unit around openings in residential construction.

FEATURES:

- Rigid frame provides high lateral capacities.
- Cost effective, supplied in cut to length kit form.
- Build into pre-fabricated wall frames or assemble on-site.
- Member sizes designed to suit opening and wall widths.
- Cost of lintel included.
- Kit includes all connectors and anchors.
- Concrete slab tie-down uses standard M12x150 XBolt anchor screws.
- Timber floor tie-down options also available.
- Full certification and technical support available.



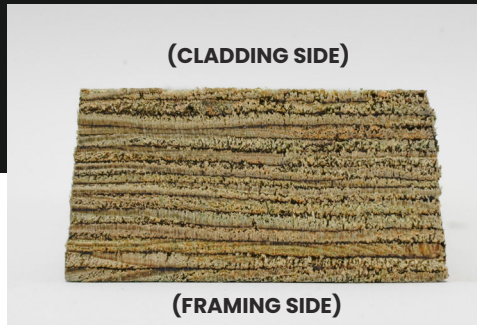
meyBRACE SPECIFICATION

meyBRACE ID	Column Width	Lintel Depth	Racking Capacity (kN)
3030	300	300	6.4
3036		360	7.0
3040		400	7.5
3630	360	300	7.6
3636		360	8.5
3640		400	9.2
4030	400	300	8.7
4036		360	9.4
4040		400	10.0

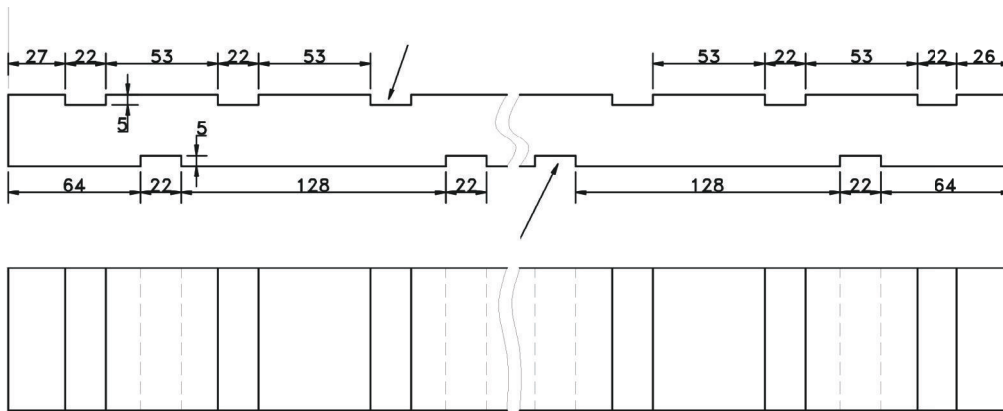
Notes:

- (1) The racking capacities given are for a maximum 2750mm overall column height and opening widths between 1800mm and 4860mm. For columns heights greater than 2750mm, reduce capacities by a factor equal to $2750/H$, where H is the overall column height.
- (2) The adequacy of lintels must be checked for gravity loads using meysPAN13 LVL with an effective thickness of 63mm and depth as selected (300, 360, or 400). 2/45mm lintels may also be considered if required.
- (3) Tie-down specification does not take into account any uplift as a result of loading on lintels. Where lintel support reactions generate net uplift refer to Meyer Timber® for advice.

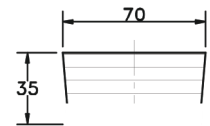
READ THE INSTALLATION GUIDE, SUPPLIED WITH THE KIT, PRIOR TO INSTALL.



70x35 cladBATTEN Profile – 2.7m & 5.4m



(FRAMING SIDE)



(CLADDING SIDE)

SPAN & FIXING TABLES

	Wind Classification or ULS Design Wind Speed (m/s)							
	N1 or 34m/s		N2 or 40m/s		N3/C1 or 50m/s		N4/C2 or 61m/s	N5-N6/C3-C4 or 86m/s
Stud Spacing (mm)	450	600	450	600	450	600	450	450
Maximum Structural Horizontal cladBATTEN Spacing (mm)	1500							900
Fastener Type	Maximum Horizontal cladBATTEN spacing for various fasteners (mm) Fixing into TIMBER FRAME							
2/ 3.15Ø x 75mm nails	1000	800	700	500	-	-	-	-
2/ 3.15Ø x 90mm nails	1500	1100	1100	800	700	500	-	-
1/ 10gx 65mm Type 17 screw (Simpson Strong-Tie SDWSI6212 or DSVT212S)	1500					1100	1000	500
2/ 10gx 65mm Type 17 screw (Simpson Strong-Tie SDWSI6212 or DSVT212S)	1500							900
	Fixing into STEEL FRAME (0.75BMT)							
1/ Simpson Strong-Tie SDWSI6212	1500				1100	1000	500	
2/ Simpson Strong-Tie SDWSI6212	1500							900

Selection Procedure:

1. Determine optimum batten spacing based on the type of cladding being used.
2. Check batten spacing chosen is within limits from the table above.
3. Determine fixings required based on batten spacing from the table above.

Notes:

Batten spacing and fixings allow for increased pressure near edges and corners. Alternative screws into timber frames must have countersunk head and be coated for durability. Machine driven 3.06Ø nails are suitable where 3.15Ø nails are noted in the table above. Timber frame minimum stud width to be 70mm. Maximum batten spacing is limited to 1500mm in tables.



Scan the QR code for
product information.

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meyBATTEN

LVL ROOF BATTEN



meyBATTEN
LVL ROOF BATTEN

SIZE: 65 x 35
LENGTH: 5.7m
TOLERANCE: +/-2mm
TREATMENT: H2-S to AS/NZS 1604.1
COATING: Red Moisture Barrier

- ◉ **STRAIGHT, LONG LENGTHS**
- ◉ **PREDICTABLE PERFORMANCE**
- ◉ **H2-S PROTECTED AGAINST TERMITES**
- ◉ **MOISTURE BARRIER TO MINIMISE BATTEN DISTORTION**

meyBATTEN is available as a 65 x 35 in 5.7m lengths specifically designed for use as roof battens. **meyBATTEN** will be straighter, less prone to breaking, and have reduced tendency to split at connections. **meyBATTEN** has a genuine moisture barrier to reduce timber distortion whilst exposed to outdoor construction conditions. The inclusion of a glueline protection against termites provides added security.

meyBATTEN Span Table

Wind Classification	Max Truss/Rafter Spacing (mm)	Max Roof Batten Spacing (mm) <i>General & within 1.2m of edge</i>	Max Roof Batten Spacing (mm) <i>Within 1.2m of eaves corner</i>
N1, N2	900	1200	
N3		1200	1000
N4		1000	700

NOTES: 1. Roof battens designed for sheet roof only (<25kg/m²). 2. Roof battens to be continuous over minimum 2 spans. 3. Max batten overhang to be 400mm (at 900mm batten spacing) or 600mm (at 450mm batten spacing).

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