

6kN PILE FIXING FOR CANTILEVER PILES

- \star The 6kN Pile Fixing must be installed in accordance with this brochure
- ★ Auckland University Tested. Test Ref. 4613
- ★ All subfloor construction must be in accordance with NZS 3604:2011
- NZS 3604 requires lines of lateral support to floor joists within 300mm of bearer or bracing lines, refer to Clause 7.1.2
- ★ Joists deeper than 150mm require solid nogging over cantilever pile



★ See Over For Corrosion Table.



SCAN FOR INSTALLATION VIDEO

https://vimeo.com/117351500





AUCKLAND PO Box 58-014, Botany 2163 Phone: 09-274 7109 Fax: MITEK[®] LUMBERLOK[®] BOWMAC[®]

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MiTek New Zealand Limited

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12kN PILE FIXING FOR BRACED PILES OR ANCHOR PILES

- The 12kN Pile Fixing must be installed in accordance with this brochure
- ★ Auckland University Tested. Test Ref. 4613
- ★ All subfloor construction must be in accordance with NZS 3604:2011
- NZS 3604 requires lines of lateral support to floor joists within 300mm of bearer or bracing lines, refer to Clause 7.1.2
- ★ Joists deeper than 150mm require solid nogging over braced or anchor pile



 \star See Over For Corrosion Table.



SCAN FOR INSTALLATION VIDEO

https://vimeo.com/117350344





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Demand Calculation Sheet

	Job Details						
Γ	Name:	Jeff & Gwen McTainsh					
	Street and Number:	594 Koutu Loop Road					
	Lot and DP Number:	Lot 6, DP 546669					
\$	City/Town/District:	Opononi					
E	Designer:	Logan Roberts					
Å	Company:	Lightbulb Architecture					
	Date:	Tuesday, 25 January 2022					
59/0	Building Specification						
	Number of Storeys	1					
Ţ	Floor Loading	2 kPa					
ц,	Foundation Type	Subfloor					
ኯ	Subfloor Cladding Weight	Light					
¢.		Single					
\$	Cladding Weight	Light					
4	Roof Weight	Light					
Ŕ	Room in Roof Space	No					
Ŗ	Roof Pitch (degrees)	8					
ģ.	Roof Height above Eaves (m)	0.95					
Щ	Building Height to Apex (m)	4.3					
ŧ	Ground to Lower Floor (m)	0.65					
E	Average Stud Height (m)	2.4					
Å	Building Length (m)	13.3					
Ŧ	Building Width (m)	4.5					
	Building Plan Area (m²)	53.2					
Ë							

Building Location

Wind Zone = High

Earthquake Zone 1

Soil Type D & E (Deep to Very Soft) Annual Prob. of Exceedance:1 in 500 (Default)

GIB EzyBrace® Version 12/18a

- Approved Building Bracing Units required for Wind Bracing Units required for Earthquake FNDC Along Across Along & Across Single Level Single Level 183 454 281 Subfloor Level Subfloor Level 352 952 363

Subfloor Level Along Resistance Sheet

Job Name: Jeff & Gwen McTainsh

									Wind	EQ	
										Demand	
									352	363	
Q	1								Achi	eved	
2	Line	Element	Length or	Angle	Туре	Supplier	Wind	EQ			
\$			No.	(degrees)			(BUs)	(BUs)	NaN%	NaN%	
Ъ		1	3.00		Anchor Pile	NZS3604					
2	А		-				-	-			
g	Р	1	4.00		Anchor Pile	NZS3604					
Ŧ	P										

Subfloor Level Across Resistance Sheet

Job Name: Jeff & Gwen McTainsh

	Job Name: Jeff & Gwen McTainsh									Wind	EQ
										Demand	
										952	363
с С	1									Achieved	
2	Line	Element	Length or	Angle		Туре	Supplier	Wind	EQ		
			No.	(degrees)				(BUs)	(BUs)	NaN%	NaN%
	м	1	2.00			Anchor Pile	NZS3604				
	IVI		-						-		
В	N	1	3.00			Anchor Pile	NZS3604				
5	IN		-	-							
M	0	1	2.00			Anchor Pile	NZS3604				
Ľ	0										