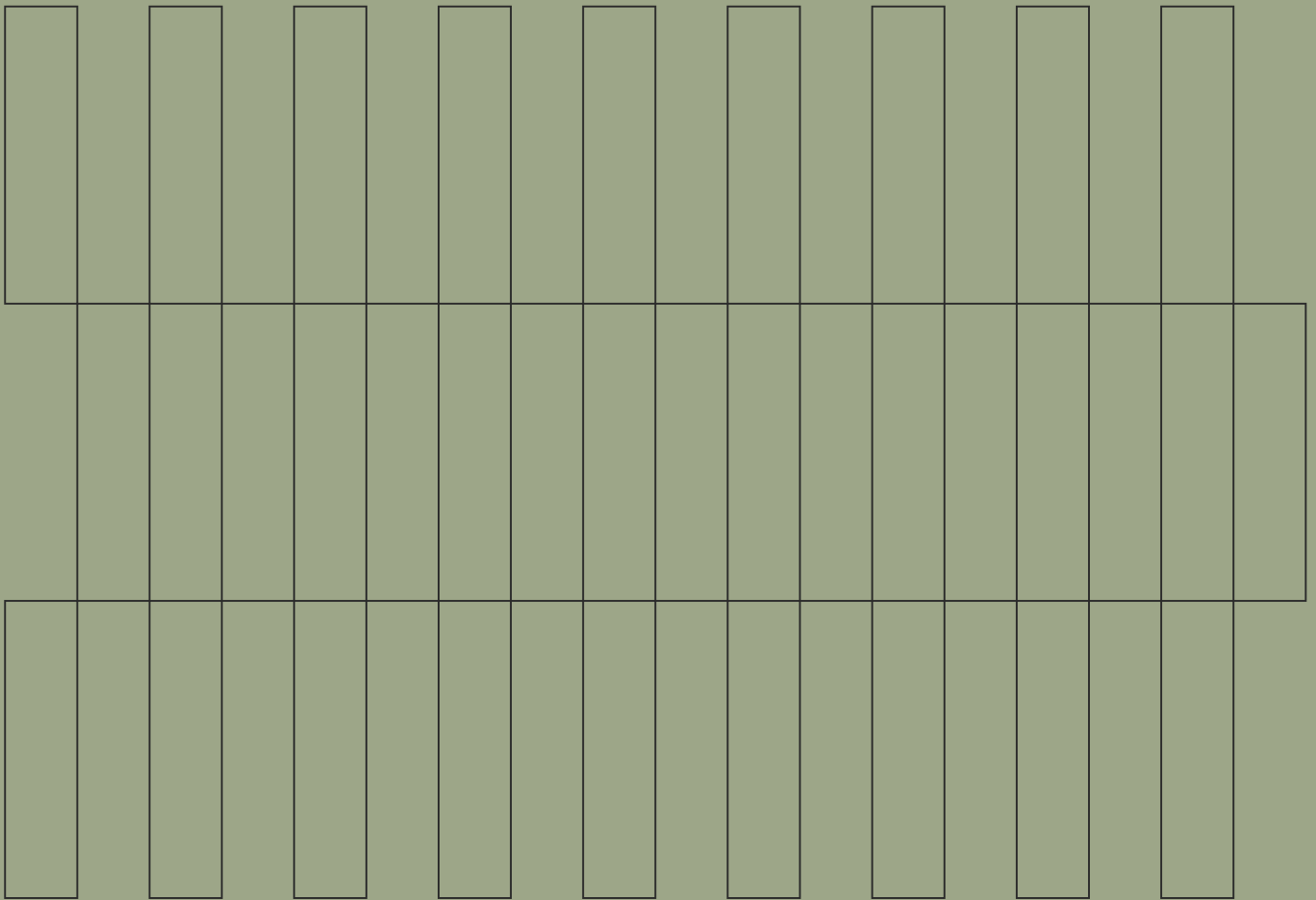


- Timber
- Aluminium
- Concrete

AUG 2025



Alu Batten Installation Instructions

Installation Guide

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Performance Chart

- The below table is based on theoretical section mechanical properties
- Maximum deflection is limited to $\text{Span}/250$.
- Where the maximum pressure requirement exceed 8000Pa.
- Use the following fixing stables as a guide - these documents are for reference purposes only.

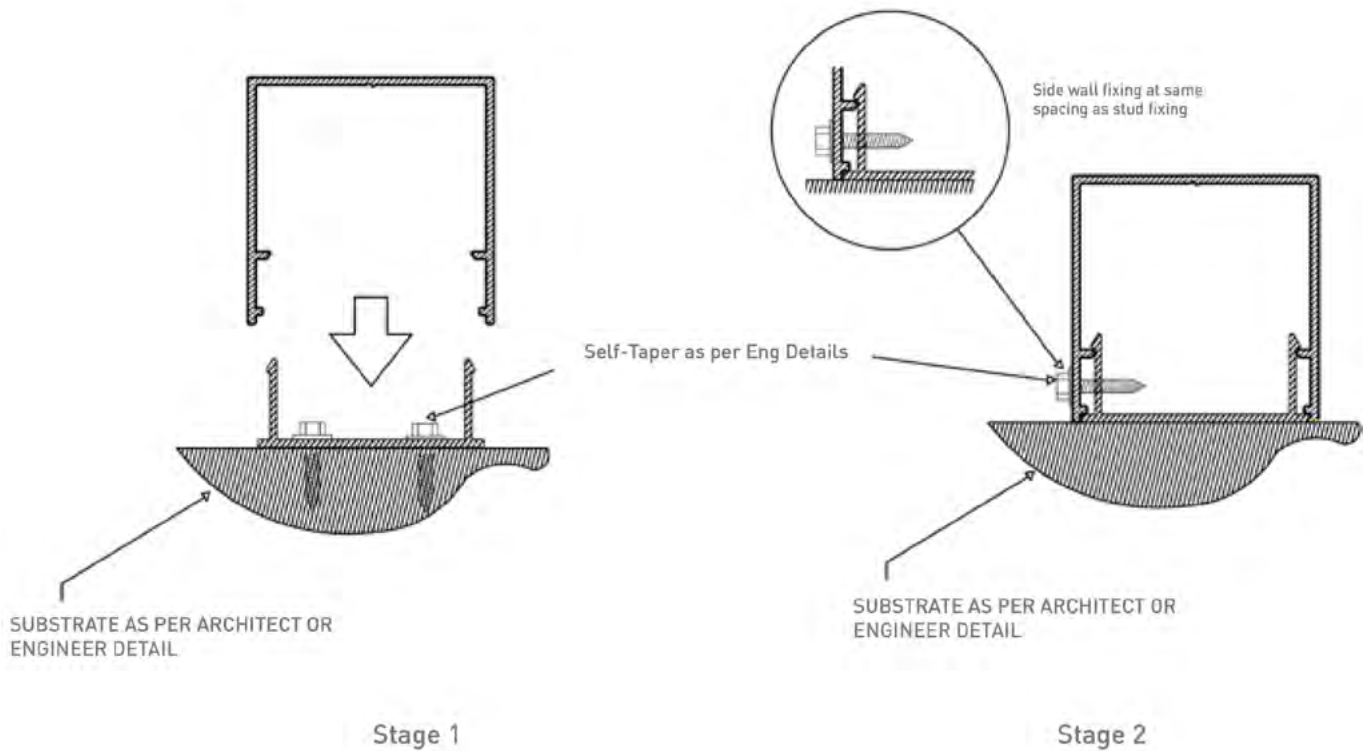
Alu Batten

Span between fixings (mm)

Maximum Pressure (Pa)

Batten	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
50x50	1792	1244	914	700	553	448										
50x100	6742	4682	3440	2634	2081	1686	1393	1171	997	860	749	658	583	520	467	421

50x50 mm Alu Batten



Fixing into steel stud wall

	Wind Region A	Wind Region B	Wind Region C
Steel stud 0.55BMT	2 No. Buildex #12-14 Metal Tekes at 2050mm centres	2 No. Buildex #12-14 Metal Tekes at 1250mm centres	2 No. Buildex #12-14 Metal Tekes at 800mm centres
Steel stud 0.75BMT	2 No. Buildex #12-14 Metal Tekes at 2750mm centres	2 No. Buildex #12-14 Metal Tekes at 1700mm centres	2 No. Buildex #12-14 Metal Tekes at 1100mm centres
Steel stud 1.20BMT	2 No. Buildex #12-14 Metal Tekes at 2750mm centres	2 No. Buildex #12-14 Metal Tekes at 1700mm centres	2 No. Buildex #12-14 Metal Tekes at 1100mm centres

Fixing into concrete wall

	Wind Region A	Wind Region B	Wind Region C
Concrete ≥ Grade N25	Hilti HUS-HR 8 Anchors at 3100mm centres	Hilti HUS-HR 8 Anchors at 1950mm centres	Hilti HUS-HR 8 Anchors at 1300mm centres

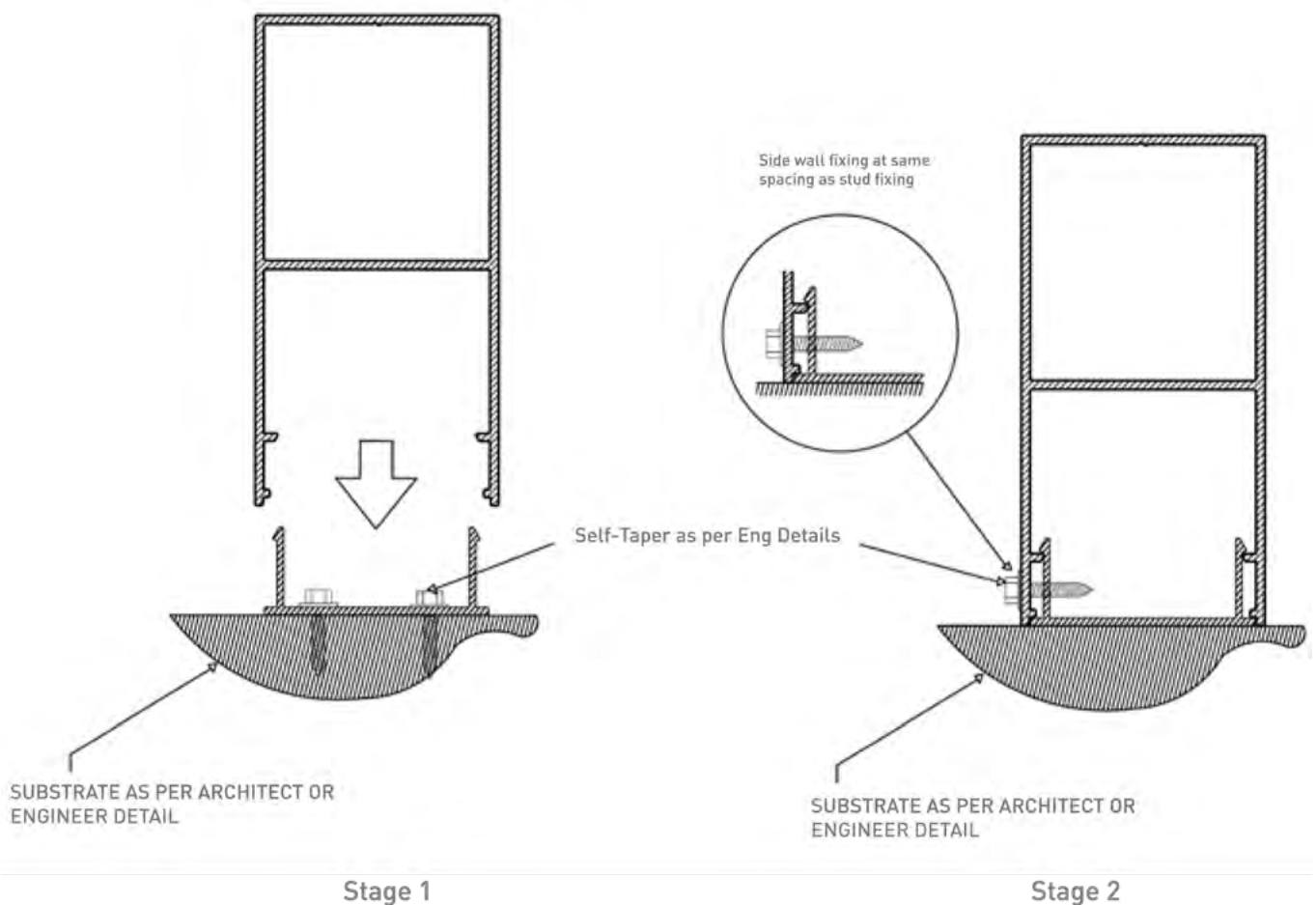
Fixing into concrete wall

	Wind Region A	Wind Region B	Wind Region C
F7 Timber stud Pine	2 No. Buildex #12-11 BattenZips Screws at 2750mm centres	2 No. Buildex #12-11 BattenZips Screws at 1700mm centres	2 No. Buildex #12-11 BattenZips Screws at 1100mm centres
F7 Timber stud Hardwood	2 No. Buildex #12-11 BattenZips Screws at 2750mm centres	2 No. Buildex #12-11 BattenZips Screws at 1700mm centres	2 No. Buildex #12-11 BattenZips Screws at 1100mm centres

Fixing into steel stud wall

	Wind Region A	Wind Region B	Wind Region C
Solid Clay Brick	Hilti HUS-HR 8 Screw Anchors at 1250mm centres	Hilti HUS-HR 8 Screw Anchors at 750mm centres	Hilti HUS-HR 8 Screw Anchors at 500mm centres
Solid Sand Lime Brick	Hilti HUS-HR 6 Screw Anchors at 750mm centres	Hilti HUS-HR 6 Screw Anchors at 450mm centres	Hilti HUS-HR 6 Screw Anchors at 300mm centres
Aerated Concrete Block	Hilti HUS-HR 6 Screw Anchors at 250mm centres	Hilti HUS-HR 6 Screw Anchors at 150mm centres	Hilti HUS-HR 6 Screw Anchors at 100mm centres

50x100 mm Alu Batten



Fixing into steel stud wall

	Wind Region A	Wind Region B	Wind Region C
Steel stud 0.55BMT	2 No. Buildex #12-14 Metal Tekes at 2050mm centres	2 No. Buildex #12-14 Metal Tekes at 1250mm centres	2 No. Buildex #12-14 Metal Tekes at 800mm centres
Steel stud 0.75BMT	2 No. Buildex #12-14 Metal Tekes at 2750mm centres	2 No. Buildex #12-14 Metal Tekes at 1700mm centres	2 No. Buildex #12-14 Metal Tekes at 1100mm centres
Steel stud 1.20BMT	2 No. Buildex #12-14 Metal Tekes at 2750mm centres	2 No. Buildex #12-14 Metal Tekes at 1700mm centres	2 No. Buildex #12-14 Metal Tekes at 1100mm centres

Fixing into concrete wall

	Wind Region A	Wind Region B	Wind Region C
Concrete ≥ Grade N25	Hilti HUS-HR 8 Anchors at 3100mm centres	Hilti HUS-HR 8 Anchors at 1950mm centres	Hilti HUS-HR 8 Anchors at 1300mm centres

Fixing into concrete wall

	Wind Region A	Wind Region B	Wind Region C
F7 Timber stud Pine	2 No. Buildex #12-11 BattenZips Screws at 2750mm centres	2 No. Buildex #12-11 BattenZips Screws at 1700mm centres	2 No. Buildex #12-11 BattenZips Screws at 1100mm centres
F7 Timber stud Hardwood	2 No. Buildex #12-11 BattenZips Screws at 2750mm centres	2 No. Buildex #12-11 BattenZips Screws at 1700mm centres	2 No. Buildex #12-11 BattenZips Screws at 1100mm centres

Fixing into steel stud wall

	Wind Region A	Wind Region B	Wind Region C
Solid Clay Brick	Hilti HUS-HR 8 Screw Anchors at 1250mm centres	Hilti HUS-HR 8 Screw Anchors at 750mm centres	Hilti HUS-HR 8 Screw Anchors at 500mm centres
Solid Sand Lime Brick	Hilti HUS-HR 6 Screw Anchors at 750mm centres	Hilti HUS-HR 6 Screw Anchors at 450mm centres	Hilti HUS-HR 6 Screw Anchors at 300mm centres
Aerated Concrete Block	Hilti HUS-HR 6 Screw Anchors at 250mm centres	Hilti HUS-HR 6 Screw Anchors at 150mm centres	Hilti HUS-HR 6 Screw Anchors at 100mm centres

