ALICLAD ALUMINIUM WEATHERBOARD - ALICLAD

Weatherboard fixing and board span chart

boards must be fixed as noted in the charts below

fixing notes
fixings must be minimum 8g, and of the appropriate threading to fix to the structural substrate
fixings to timber studs: min 35mm embedment. fixed to centre of stud.
fixings to light gauge steel framing (steel stud): full thread engagement to steel required. Minimum thickness of steel stud: 0.75mm thick. Minimum strength of steel stud: 330MPa (ultimate strength)
fixings to aluminium battens: min full penetration of screw to batten. Minimum 2.5mm thick aluminium batten. Batten material: 6060 T5 aluminium or better
design notes
wind pressures listed below are as per NZS3604 wind zones
fixings to corner zones: corner zone fixing requirements apply to all areas within 2.4m of end of wall (horizontal distance

maximum weatherboard spans: typical wall area.		
Pressure	maximum span between fixings	
Low	1200	mm
Medium	1100	mm
High	1000	mm
Very High	960	mm
Extra high	910	mm

maximum weatherboard end spans: cantilevers. Typical wall area		
Pressure	maximum board end cantilever, past final fixing	
Low	480	mm
Medium	450	mm
High	410	mm
Very High	390	mm
Extra high	380	mm

maximum weatherboard spans: corner zones and soffits		
Pressure	maximum span between fixings	
Low	1100	mm
Medium	1050	mm
High	1000	mm
Very High	900	mm
Extra high	890	mm

maximum weatherboard end spans: cantilevers. corner zones and soffits		
Pressure	maximum board end cantilever, past final fixing	
Low	470	mm
Medium	440	mm
High	400	mm
Very High	380	mm
Extra high	370	mm