Prolam®
Stud Requirement Table

Prolam Detail
D1010

Construction Specifications

Walls are to be fully lined on at least one face. Full bearing on top plate (i.e. no eccentric loading).

Bearing Reaction	Stud Requirement for Concentrated Loads	
	Stud Height	**Requirements**
Bearing reaction up to & including 10kN	2400	Refer to NZS 3604:2011
	2700	
	3000	
	Stud Height	**Stud Required**
Bearing reaction up to & including 20kN	2400	PL8H5-100 90 x 90
	2700	PL8H5-100 90 x 90
	3000	PL8H1-150 140 x 90
	Stud Height	**Stud Required**
Bearing reaction up to & including 30kN	2400	PL8H1-150 140 x 90
	2700	PL8H1-150 140 x 90
	3000	PL8H1-200 190 x 90

* Notes: The stud requirement for 20 kN & 30 kN bearing reactions can be applied to external walls as well. Reactions over 30kN will require specific design.

These span tables apply only to Prolam products