

# Installation Plywood Bracing Carter Holt Harvey

## Application

### Structabrace™ braceboard System 1 4.0 kN/m bracing capacity

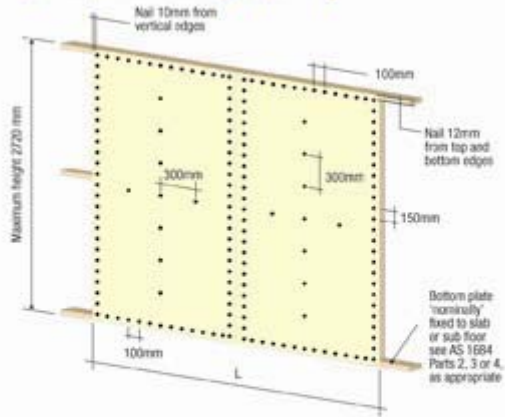


Diagram 1

System 1 Bracing Capacity for Length of Braced Section	
Length of Braced Section, "L"	L ≥ 0.9m
Bracing Capacity per Braced Section	4.0 kN/m x L kN

## Structabrace™ braceboard System 2 6.0 kN/m bracing capacity

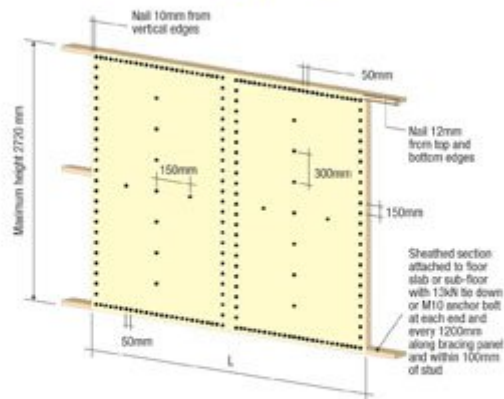


Diagram 2

System 2 Bracing Capacity for Length of Braced Section	
Length of Braced Section, "L"	$L \times 0.9m$
Bracing Capacity per Braced Section	6.0 kN/m x L kN

## Structabrace™ braceboard System 3 7.5 kN/m bracing capacity

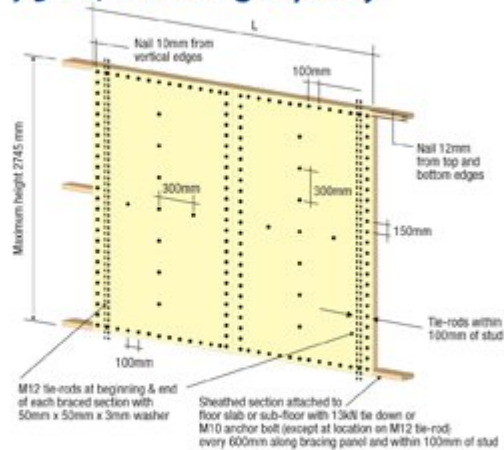


Diagram 3

System 3 Bracing Capacity for Length of Braced Section	
Length of Braced Section, "L"	$L \times 0.9m$
Bracing Capacity per Braced Section	7.5 kN/m x L kN

## Structabrace™ braceboard System 4 9.0 kN/m bracing capacity

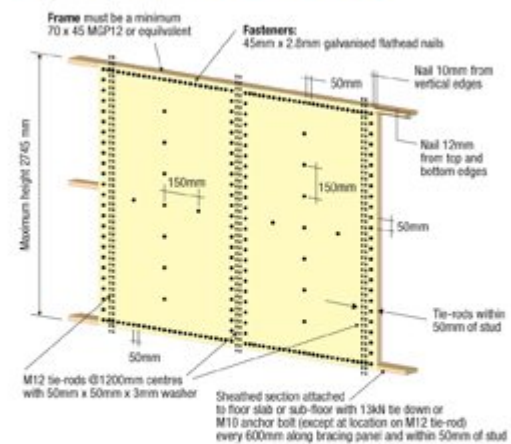


Diagram 4

System 4 Bracing Capacity for Length of Braced Section	
Length of Braced Section, "L"	$L \times 0.9m$
Bracing Capacity per Braced Section	9 kN/m x L kN

**Structabrace™ braceboard**  
**Shortwall System SW-1**  
**4.0 kN/m bracing capacity**

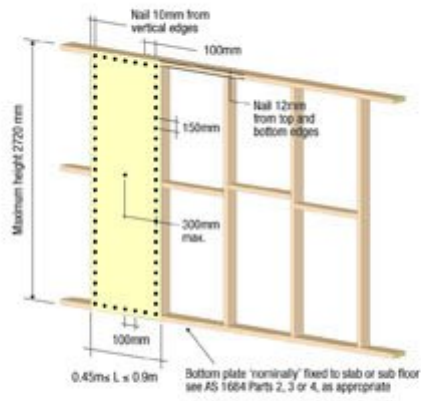


Diagram 5

Shortwall System SW-1		Bracing Capacity for Length of Braced Section					
Length of Braced Section, "L"	0.45m	0.5m	0.6m	0.7m	0.8m	0.9m	1.0m
Bracing Capacity per Braced Section	1.8kN	2kN	2.4kN	2.8kN	3.2kN	3.6kN	4.0kN/m x L kN

**Structabrace™ braceboard**  
**Shortwall System SW-2**  
**4.5 kN/m bracing capacity**

2 off 14-10 type 17x50mm hex washer head timber screw and 32mm diameter (2mm thick) mudflap washer extra in each corner.

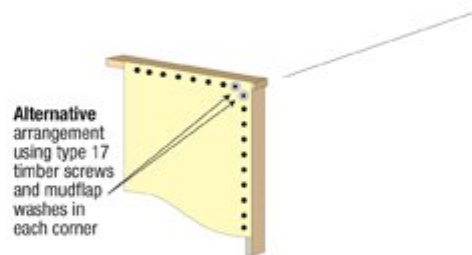
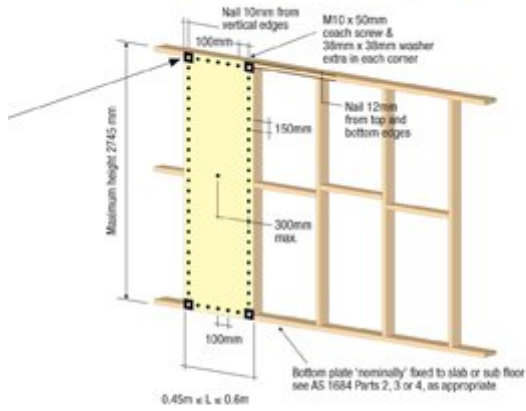


Diagram 6

Shortwall System SW-2		Bracing Capacity for Length of Braced Section
Length of Braced Section, "L"	0.45m < L < 0.6m	
Bracing Capacity per Braced Section	4.5 kN/m x L kN	

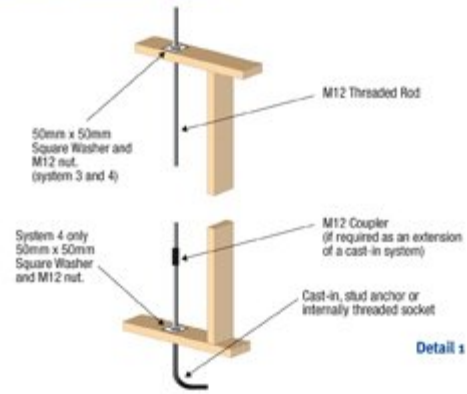
**Structabrace™ braceboard**  
**Shortwall System SW-3**  
**6.0 kN/m bracing capacity**



**Diagram 7**

Shortwall System SW-3 Bracing Capacity for Length of Braced Section	
Length of Braced Section, "L"	$0.45m \leq L \leq 0.6m$
Bracing Capacity per Braced Section	6.0 kN/m x L m

**Roded Systems 3 and 4**



**Detail 2: Fasteners**

30x2.8 galvanized bracing nail 45x2.8 nail for System 4 only

14-19 Type 12 x 100mm Hex washer head timber screw & 32mm diameter 2mm thick rooflap washer

Max coach screw (50mm long) & 38x38mm washer