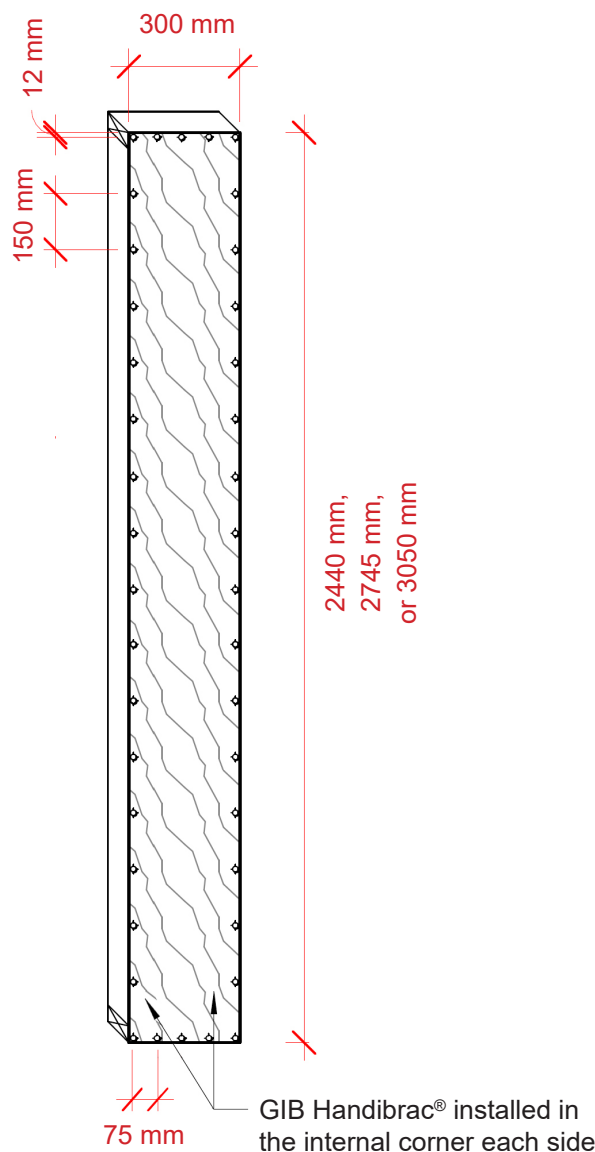


**System 1 IBS RigidRAP® 300 mm wall using GIB Handibrac® fixing and 30 x 2.5 mm galv clouts or 45 x 2.5 mm S/Steel annular grooved nails**

	Concrete slab	Timber floor
Wind	56 BU/m	56 BU/m
Earthquake	56 BU/m	62 BU/m



## Wall Construction

- 90 x 45 SG8 Studs (600 centres) plates.
- 8 mm IBS RigidRAP® board one side.
- Minimum of 30 x 2.5mm dia galv clouts\* or 45 x 2.5 mm stainless steel annular groove nails (round head or d head) at 150mm centres around the perimeter.
- GIB Handibrac® hold down brackets fixed to each end-to-end studs and to bottom plate with concrete hold downs.
- Tested on a concrete floor with M12 hold-down bolts.

The above system bracing units may be used on a pro-rata basis when designing walls of lengths greater than those tested in the table above.

- They may only be used for lengths up to twice the system length.
- They may not be used on a pro-rata basis when the wall length is reduced.

\* Stainless Steel fixings for Coastal Zone D (see 3604)