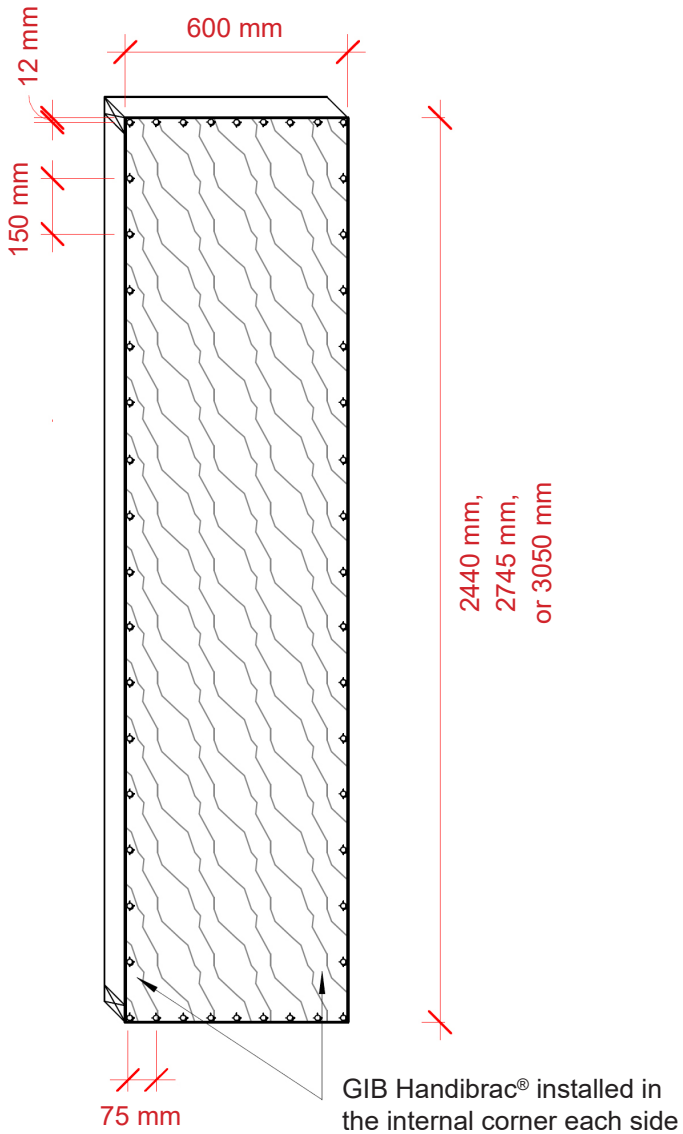
System 2 IBS RigidRAP® 600 mm wall using GIB Handibrac® fixing and 30 x 2.5 mm galv clouts or 45 x 2.5 mm S/Steel annular grooved nails

	Concrete slab	Timber floor
Wind	90 BU/m	90 BU/m
Earthquake	101 BU/m	101 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)

All Dimensions are to be site checked before construction and installation

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Bracing System

Bracing

Brace System 2

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