GIB® PLASTERBOARD SYSTEMS

BEST PRACTICE SERIES

No.2 BRACING REQUIREMENTS

GIB EzyBrace® Systems comply with the requirements of NZS 3604:2011. When designed and installed in accordance with GIB EzyBrace® Systems 2016 and the current GIB® Site Guide, they provide resistance to wind and earthquake forces.

To request your free copy contact the GIB® Helpline on 0800 100 442 or download at gib.co.nz/ezybrace

GIB® is a registered trademark.

7 THINGS TO CONSIDER WHEN INSTALLING GIB EZYBRACE® SYSTEMS.

These recommendations are not a substitute for the full information contained in relevant GIB® technical literature. Please familiarise yourself with the literature before proceeding with any project.

DESIGN

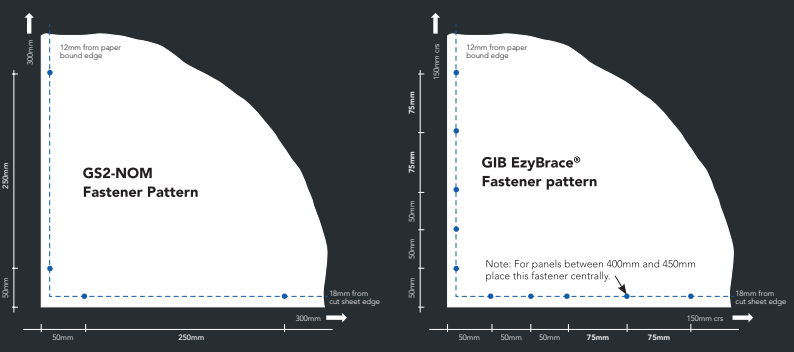
1 Check that full length wall panels have been designated as bracing elements. Using part walls is inefficient and can cause finishing issues due to different lining requirements and unnecessary fastener lines.

2 Check that GS1-N, GS2-N and GS2-NOM bracing elements have been used where available and that high performance bracing elements have been specified efficiently and only where needed (e.g. building corners, narrow panels supporting lintels over window or openings).

3 Discuss the bracing layout with your designer or call the GIB® Helpline for assistance.

INSTALLATION

4 GIB EzyBrace® Systems Corner Fastener Patterns



5 The nomination of GIB® bracing elements is simple.
The most common elements are:
GS1-N: inside of external walls (GIB® Standard one side and no special hold-down brackets)
GS2-N: commonly used for internal walls
(GIB® Standard both sides and no specific hold-down brackets)
GS2-NOM: commonly used for internal walls
(GIB® Standard both sides, Standard plasterboard fixing pattern and no specific hold-down brackets)

High performance elements include:
GSP-H: GIB® Standard one side and plywood the other
BL1-H: GIB Braceline® one side
BLP-H: GIB Braceline® one side and plywood the other
BLG-H: GIB Braceline® one side and GIB® Standard the other

6 The 'H' indicates that all these have special hold-down brackets at the ends of the element. Winstone Wallboards recommends using the GIB Handibrac®.
The BOWMAC screw bolt has a minimum characteristic uplift strength of 15Kn.

7 GIB® Grabber® screws (with the 'G' on the head) have been tested for use in GIB® Bracing systems.

GIB®

WWB_BPS_002_April 2016