



Figure 1: The complete panel assembly showing connector stud.

Figure 2: The panel edge is fixed at 200mm centres. The lower slab connection includes 2 nails.

Description:

In some building applications, a conventional brace wall is appropriate.

This detail features:

- 9 or 10mm MgO skins to both sides of stud
- 90 x 45 MGP 12 Studs
- Concrete Screw at least M8
- Two beads of high strength construction adhesive under bottom plate
- One 2mm bead to all studs and MgO skin

Note: There is no EPS core in this configuration

Design Capacity

Static Dead Load:

Slab Connection	Capacity
Regardless of connection	10.0 kN

Tie Down

Slab Connection	Capacity
Ramset Concrete Nail x 2	20.0 kN
Ramset AnkaScrew M8	20.0 kN
RamSEt AnkaScrew M10	32.0 kN
Hilti M8	22.0 kN
Hilti M10	31.0 kN

Racking

Slab Connection	Capacity
Regardless of connection used	6.0 kN per metre