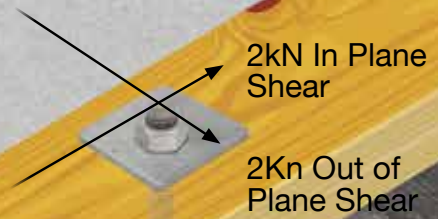


NZS 3604 BOTTOM PLATE FIXING SOLUTION: INTERNAL WALLS



12mm
drill hole

25MPa
(Non-cracked concrete)

Part Number: FMFBN12146 (*507592*)



fischer FBN II 12/50 HDG Bolt Anchor

The bolt anchor satisfies the internal wall framing loading requirements set in accordance with clause 7.5.12.2 of NZS 3604:2011. Installation instructions are below. Further instructions can be found on the product box and in the product European Technical Assessment (ETA – 07/0211). **Note: Concrete thicknessing may be required for internal walls.**

Installation Parameters		
Size	[mm]	M12
Nominal drill hole diameter	$d_0 \leq$ [mm]	12
Maximum diameter of drill bit	$d_{cut} \geq$ [mm]	12.5
Effective embedment depth	$h_{ef} \geq$ [mm]	65
Depth of drill hole to deepest point	$h_1 \leq$ [mm]	85
Diameter of clearance hole in the fixture	d_f [mm]	14
Minimum concrete member thickness	[mm]	100
Minimum concrete compressive strength	$f_{c, cyl}$	25 MPa
Minimum edge distance	[mm]	50
Minimum spacing	[mm]	70
Installation torque	Nm	40



Bottom plate technical documents
available upon request.

Disclaimer: Not tested for use in insulated floor slabs with close edge distances. For insulated floor slab fixings, please contact our Technical Field Engineer at 0276634525.