Product Information

GRIPIT®
The Worlds Ultimate Plasterboard Fixings

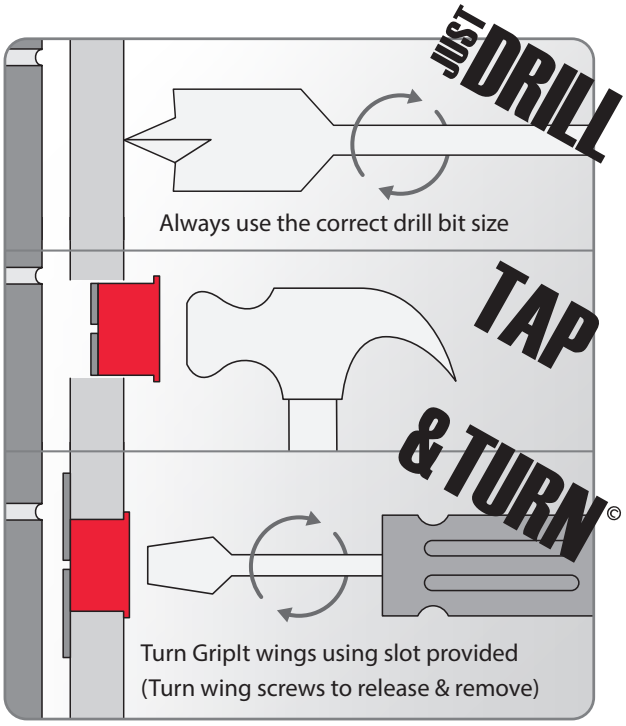
Key Benefits

- Supports heavier loads
- Re-use Indefinitely
- Auto-adjusts to lining thickness
- No vapour barrier damage
- Fits insulated backed plasterboard
- Suitable for 9.5-15mm plasterboard
- Fits plasterboard laminates
- Fits to ceilings without timber blocking
- Fits dry lining wall constructions
- No insulation fibre entanglement
- Cannot over-screw

Example Applications

- Shelves
- Mirrors
- Curtain rails
- Bathroom fittings
- Radiators
- Boilers
- Kitchen units
- Wall mounted TV's
- Large picture frames
- Kitchen and bathroom cabinets
- Towel rails
- Clothes hooks

Installation Guide



1. Mark out the centreline positions where GripIt fixings are to be installed, then drill the required number of holes in the plasterboard. We recommend using a GripIt hole cutter or a flat drill bit. (see www.gripitfixings.co.uk/accessories)
2. Position the GripIt fixing in the hole – wings first, then gently tap the fixing into the hole until the fixing settles down flush with the plasterboard surface.
3. Lock backing wings in place by turning central screwdriver slot clockwise.

Note:

GripIt fixings are designed to accept screws of various lengths provided that the tip of the screw, when fully inserted, does not make contact with solid material within the wall space.

To determine the maximum length of screws, measure the thickness of the item to be secured to the wall and then add a minimum of 15 to 20mm for GripIt threading.

Full video instructions available on our website.

Caution:

If using power tools to tighten these fixings, please ensure they are set to the lowest torque, to avoid damaging the thread, ideally tighten by hand.

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USA Patent Pending

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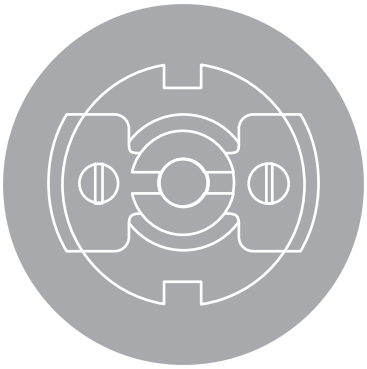
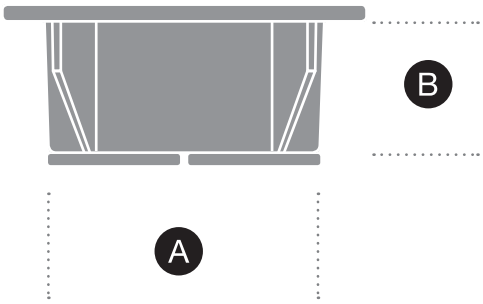
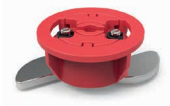
Performance Information





Dimensions

GripIt Type	Product Code	Diameter (A)	Length (B)	Screw Sizes Diameter	Screws Sizes Length
	15	15mm	11.5 mm	4.0 mm	25 mm
	18	18 mm	11.5 mm	5.0 mm	30 mm
	20	20 mm	11.5 mm	M6 x 1.0	30 mm
	25	25 mm	11.5 mm	M8 x 1.25	30 mm

Installation Data




Product	15	18	20	25
Fixing diameter (mm)	15	18	20	25
Hole diameter in substrate (mm)	15	18	20	25
Minimum substrate thickness (mm)	9.5	9.5	9.5	9.5
Min spacing (Ctrs/mm)	25	30	50	100
Minimum edge distance (mm)	20	24	28	30

Basic Performance Data

Performance data for single fixing without influence of edge distance and spacing

Tension

GripIt Type	Product Code	Tension Max (lbs)	Tension Safe (lbs)	Tension Max (Kgs)	Tension Safe (Kgs)
	15	83	44	38	20
	18	85	44	39	20
	20	85	44	39	20
	25	85	44	39	20

Shear

GripIt Type	Product Code	Shear Max (lbs)	Shear Safe (lbs)	Shear Max (kgs)	Shear Safe (kgs)
	15	220	110	100	50
	18	265	132	120	60
	20	353	176	160	80
	25	397	198	180	90

Cantilever

GripIt Type	Product code	Cantilevered Max (lbs)			Cantilevered Safe (lbs)			Cantilevered Max (kgs)			Cantilevered Safe (kgs)		
		50mm	75mm	150mm	50mm	75mm	150mm	50mm	75mm	150mm	50mm	75mm	150mm
	15	154	132	79	77	66	39	70	60	36	35	30	18
	18	110	136	50	55	68	26	50	62	23	25	31	12
	20	145	154	105	72	77	52	66	70	48	33	35	24
	25	134	88	110	66	44	55	61	40	50	30	20	25

GripIt fixing testing

Tests were carried out on all four types of GripIt Fixings using the following plasterboard:

- Lafarge GTEC standard board - British Standard EN 520: 2004 + A1: 2009
- Breaking Load N210 = 21.414kgs = 0.21kN
- Single plasterboard with a thickness of 12.5 mm

Load weights will vary dependent on the condition of plasterboard and the moisture content.

Test method used

A timber framework dimensionally representative of a domestic stud partition internal wall was erected and the 12.5mm plasterboard was secured using drywall screws.

Each type of GripIt fixing was separately secured into the plasterboard by following the installation instructions provided by GripIt Fixings.

Using a specially designed test rig and digital weight monitor, each GripIt type was subjected to the various tests of shear, tensile and cantilever.

All readings were recorded in kilograms, Newtons and British pounds weight.