

Fixing heavy stuff to Dot and Dab walls

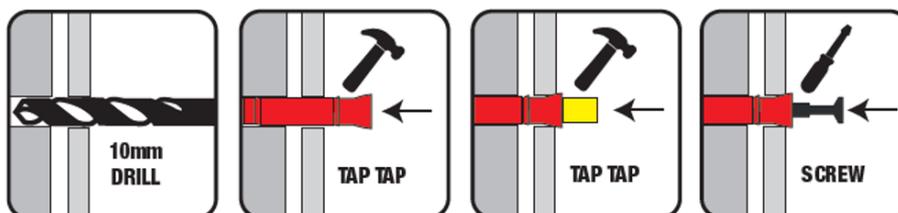
Fixing to Dot & Dab walls (plasterboard over block) has long been problematic. Corefix provides a reliable solution for fixing heavy items to plasterboard supported on battens or dot and dab, or similar substrates.

- **Suitable for all concrete blocks, brick and stone**
 - *Corefix Air has been tested on lightweight blocks*
- Perfect for hanging heavy duty items incl. cabinets, radiator & cantilever TV brackets
- Transfers the load from plasterboard to the solid wall behind
- Prevents crushing of plasterboard into the void
- Heavy Duty steel reinforced fixing tested to 500kg (4 x fixings)
- *Corefix Air is tested to 350kg (4 x fixings onto lightweight blocks)*
- Simple to install - no special tools required
- Maximum 10mm bracket/fixture thickness. Supplied with 100mm screw
 - *Corefix Plus30 has a maximum 30mm bracket/fixture thickness and is supplied with a 120mm screw*
- 126kg Safe working load (4 x fixings onto drylined wall with concrete blocks behind)
 - *Corefix Air has a safe working load of 88kg (4 x fixings onto lightweight blocks)*

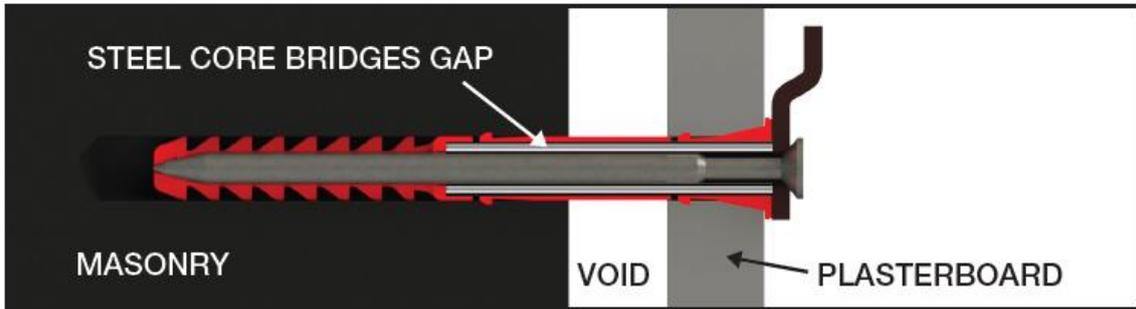


INSTALLATION

Drill hole to required depth using 10mm masonry drill bit. Turn off hammer action when drilling into lightweight blocks. Ensure all debris and dust has been removed from the hole. Gently tap plug into place until flange contacts the plasterboard then tap metal core into place. Screw fixture to the wall with supplied screw.



Warning: Always check for cables and pipes before drilling and use suitable protective equipment.



TECHNICAL

The performance of Corefix has been independently tested and verified. Corefix has a maximum recommended load of 90kg*, without the influence of edge or distance spacing. (*based upon shelf fixed onto drylined wall with 4 x Corefix fixings).

	Notes	Units	Value
Drill diameter	N/A	[mm]	10
Minimum Drill depth	N/A	[mm]	100
Screw diameter	N/A	[mm]	5
Ultimate Axial Tensile Force (Pull-out)	Dense Concrete blockwork 1800kg/m ³	[kN]	0.89
	Aerated lightweight concrete blockwork 600kg/m ³	[kN]	0.68
Recommended Axial Tensile Force (Pull-out)	Dense Concrete blockwork 1800kg/m ³	[kN]	0.127**
	Aerated lightweight concrete blockwork 600kg/m ³	[kN]	0.097**
Maximum Shear Force (Vertical)	Dense Concrete blockwork 1800kg/m ³	[kN]	1.21
	Aerated lightweight concrete blockwork 600kg/m ³	[kN]	0.88
Recommended Shear Force (Vertical)	Dense Concrete blockwork 1800kg/m ³	[kN]	0.303***
	Aerated lightweight concrete blockwork 600kg/m ³	[kN]	0.22***
Minimum distance (in concrete)	From Edge	[mm]	65
	Between holes	[mm]	25
Plasterboard Gap	Maximum	[mm]	25
	Minimum	[mm]	0
Materials & Finishes	Corefix expansion plug: Impact resistant PP copolymer		
Materials & Finishes	Core: Steel, zinc plated for corrosion resistance.		
Materials & Finishes	Screw: Steel, zinc plated for corrosion resistance.		
Factor of safety of 7. *Factor of safety of 4			

