

## Revolutionary dry lined wall fixing system

### Suitable for

Fixing heavy duty items e.g. TV/ PC/ Plasma screens, kitchen units, radiators, shelving, curtain poles, air conditioning units, etc. to a dry lined or fibre insulation board wall, transferring the load to the masonry without affecting the plasterboard integrity.

### Application

Drill hole to required diameter and depth, (see chart) and insert the plastic Rigifix® expansion plug. Using an allen key screw into the plug the threaded sleeve until the sleeve is fully home, or to the level of the plug head. Place the Pozi headed set screw through your bracket/item and screw down into the Rigifix® threaded sleeve.

### Material

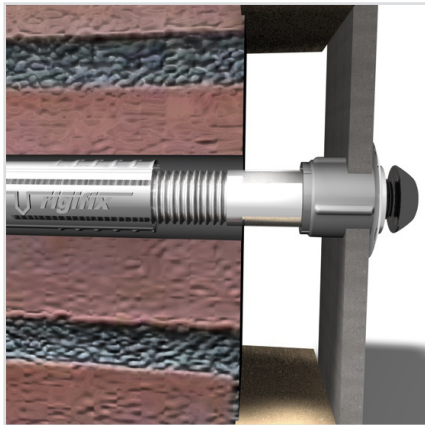
**Plug:** Nylon.  
**Sleeve:** High quality carbon machine steel.

### Finish

Bright zinc coated for protection.

### Sizes

M6 & M8 threaded set screw fixing.



## Rigifix Dry Lined Wall Anchor

### Dimensions & Load Data

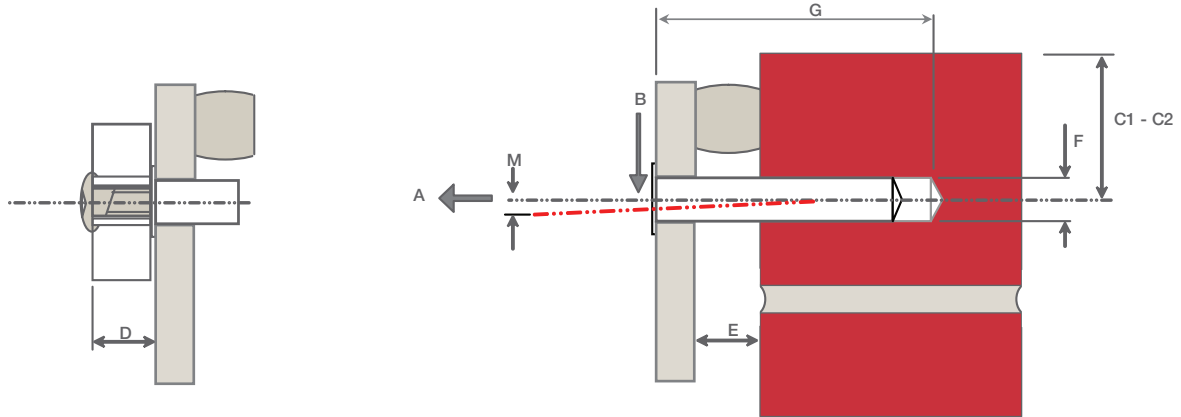
				M8	M8	M6	M6
Block Description:				Aircrete Block	Medium Density	Aircrete Block	Medium Density
Block Density:				590 kg/m <sup>3</sup>	1850 kg/m <sup>3</sup>	590 kg/m <sup>3</sup>	1850 kg/m <sup>3</sup>
Note:				(1)	(2)	(1)	(2)
Axial Pull Out	A-u	Ultimate	Kg	224	320	80	114
	A-r	Recommended	Kg	34	48	12	17
Shear Force	B	Load I direction "B" to move M from 0 mm --> 1mm	Kg	245	280	105	140
	Note:				(3)	(3)	(3)
Min Distance	C1	From edge:	mm	100	85	60	50
	C2	Between holes	mm	40	40	30	30
Max Clamp thickness	D	With supplied screw	mm	15	15	10	10
Plasterboard Gap	E	Maximum	mm	20	20	20	20
	Minimum				0	0	0
Note:				(4)	(4)	(4)	(4)
Drill Diameter	F	Nominal	mm	16	16	12	12
Drill depth	G	Minimum	mm	110	110	100	100

**Notes:**

- (1) Hole drilled rotary mode only
- (2) Hole drilled ratchet hammer drill mode
- (3) Minimum result multiplied by safety factor 0.15
- (4) Plug engagement for all testing emulates 25mm gap, including plasterboard

**Load Data & Illustration**

Please refer to the chart overleaf



**Step-by-step instruction diagrams**

