Rigifix®

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.
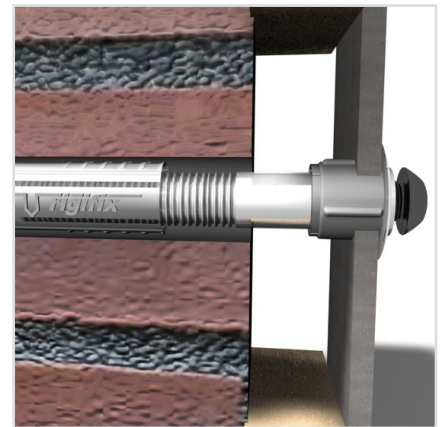
Material

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

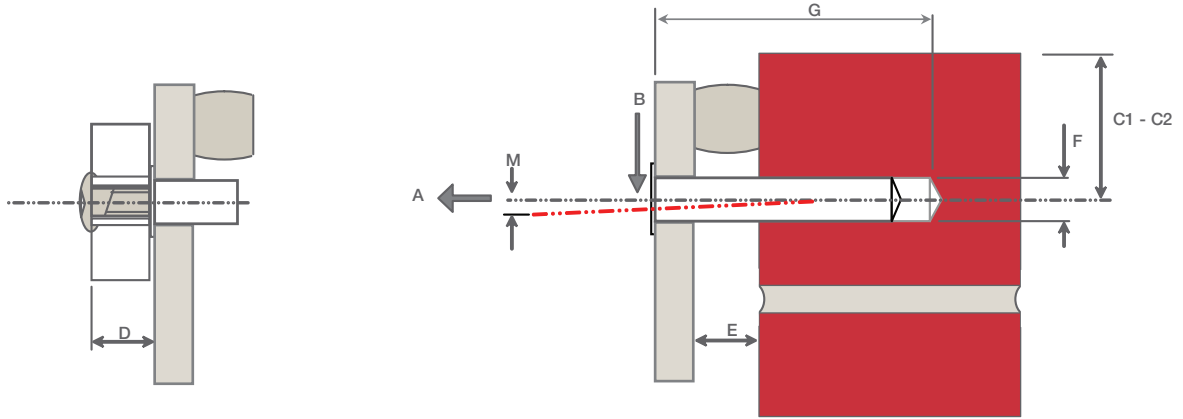|					M8	M8	M6	M6
		Block Description:			Aircrete Block	Medium Density	Aircrete Block	Medium Density
		Block Density:			590 kg/m³	1850 kg/m³	590 kg/m³	1850 kg/m³
		Note:			(1)	(2)	(1)	(2)
Axial Pull Out	A-u	Ultimate		Kg	224	320	80	114
	A-r	Recommended		Kg	34	48	12	17
Shear Force	B	Load I direction "B" to move M from 0 mm --> 1mm		Kg	245	280	105	140
		Note:			(3)	(3)	(3)	(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		mm	0	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