Fixings suitable for H+H aircrete

TSD 20

• Plugged and Screwed Fixings

MANUFACTURER *Telephone No:*	**Type of plug**		Screw Size*	Minimum screw depth into fixing *(mm)*	Individual Fixing - Ultimate Pull-Out Force *(N)* **Solar**	**Standard and Higher Strengths**
WOOD SCREW	Driven direct	(no plug)	No.10	37	-	870
PLASPLUG *01283 533955*	Plastic	Heavy Duty	No.10	57	600	950
RAWLPLUG	Plastic	Yellow	Nos 8 & 10	25	300	-
01416 387961		Brown	Nos 12 & 14	45	650	-
	Fibre	8 x 50	No. 8	38	-	1110
		10 x 37	No. 10	32	450	-
		14 x 37	No. 14	40	900	-
	Rawlbloc	Small (8/49)	5 mm	68	580	730
	(Lightweight Block Fixing)	Large (10/66)	6 mm	78	810	1200
UNIFIX	Nylon	Hi-load LB55/10mm	No. 10	70	745	1450
0800 8087172	Nylon	Hi-load LB70/10mm	No. 10	85	1400	3600
FISCHER	Nylon	S6	No. 10	35	450	800
01491 827900		S8	No. 12	46	800	1300
		S10	No. 14	57	900	2400
		GB8	5 mm	45	800	2700
		GB10	7 mm	58	1250	-
		GB14	10 mm	85	1550	-
(formerly by UPAT – now available from FISCHER)		FTPK4	4mm	35	1150	1000
		FTPK8	8mm (Coach screw)	45	1650	1600
		FTPK10	10mm (Coach screw)	50	1950	-
	Metal (fire resistant)	FTPM6	6mm	20	600	2000
		FTPM8	8mm	25	1650	2600
		FTPM10	10mm	30	1800	2800

**Approximate equivalent screw sizes: No.8: 4mm; No.10: 5mm; No12: 5.5mm; No.14: 6mm; No16: 7mm*

• Nailed fixings

	CUT NAIL - driven direct	75mm	55	-	1150
HELIFIX *0208 735 5200*	TurboFast	8mm	50 into block	800	-
			70 into block	1200	-
			100 into block	-	970
LODEN	Anchor (fire resistant)	HA75	56 into block	500	1050
01527 68559		HB90	56 into block	1000	1650
	SD Heavy Duty (particularly suitable for handrail fixings)		-	2000	4500

Hammer/screw fixings

RAWLPLUG *01416 387961*	Rawl-Tap-In 6.5 mm (5 mm screw) - for use with *un*plastered blockwork	45 into block	585

Notes

1. The diameter of holes drilled in the blocks should be such that the ***plug fits tightly*** prior to the screw being driven. Woodscrews driven direct should not be over tightened. Cut nails driven direct should not be over hammered.
2. The size and length of a fixing should be suitable for the block thickness.
3. Generally, fixings should be spaced from each other (and from the free edge of a block when this is applicable) at a distance not less than the depth of penetration of the fixings into the block; this should be confirmed with the fixing manufacturer.
4. Where a comparison is needed between the performance of a fixing listed and a known requirement, we suggest a Safety Factor of 4 be applied.

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