

TECHNICAL DATA SHEET FOR CONCRETE MASONRY UNITS TO EN 771-3



UNIT TYPE All Category II Strength / Size	UNIT DESCRIPTION	DIMENSIONS (MM) Tolerance Category D1 +3/-5 +3/-5 +3/-5 Length Width Height	CONFIGURATION All Group 1 i.e.< 25% Formed Voids	DENSITY Gross (dry) Tolerance ± 10% kg/m ³	UNIT MASS Approx unconditioned kg	THERMAL CONDUCTIVITY [W/(m K)] EN 1745 P=50% (λ _{10,dry}) †from laboratory test	MOISTURE MOVEMENT (total movement) mm/m	NO. PER PACK
3.6 N/mm ² 100mm	Standard Common	440 97 215	Solid	1950	18.600	1.00	0.53	72
7.3 N/mm ² 100mm	Standard Common	440 97 215	Solid	1950	18.600	1.00	0.53	72
10.4 N/mm ² 100mm	Standard Common	440 97 215	Solid	2000	19.300	1.00	0.53	72
7.3 N/mm ² 100mm Close Textured	Close Textured / Paint Grade Common	440 97 215	Solid	1950	18.900	1.00	0.53	72
3.6 N/mm ² 140mm	Standard Common	440 140 215	Solid	1950	27.700*	1.00	0.53	48
7.3 N/mm ² 140mm	Standard Common	440 140 215	Solid	1950	27.700*	1.00	0.53	48
10.4 N/mm ² 140mm	Standard Common	440 140 215	Solid	2000	28.300*	1.00	0.53	48
7.3 N/mm ² 140mm Close Textured	Close Textured / Paint Grade Common	440 140 215	Solid	1950	28.000*	1.00	0.53	48
7.3 N/mm ² 100mm Light weight Agg [†]	Standard Common	440 97 215	Solid	1450	14.000	0.45 [†]	0.45	90
7.3 N/mm ² 140mm Light weight Agg [†]	Standard Common	440 140 215	Solid	1450	19.500	0.45 [†]	0.45	60
7.3 N/mm ² Blockette	Standard Common	215 100 65	Solid	1950	2.700	1.00	0.53	384
7.3 N/mm ² Blockette Light weight Agg [†]	Standard Common	215 100 65	Solid	1450	1.960	0.45 [†]	0.53	384
7.3 N/mm ² Coursing Block	Standard Common	440 97 140	Solid	1950	11.700	1.00	0.53	66

***Warning:** Single units weigh more than 20kg and require a manual handling risk assessment prior to use.

General information applicable to masonry units manufactured by E & J W Glendinning Limited: **Reaction to fire:** Fire Class A1 – without test.

Shear Bond Strength: Tabulated value of 0.15 N/mm² from Annex C of BS EN 998-2.