

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 $\pm 10\%$ kg/m ³	Weight (Approx) kg	Thermal Conductivity (CIBSE Guide A) W m ⁻¹ K ⁻¹ (protected - 3%)	Moisture Movement (total movement) mm/m	No. per Pack
3.6 N/mm ² 100mm	Standard Common	440 97 215	Solid	1900	18.600	1.22	0.30	72
7.3 N/mm ² 100mm	Standard Common	440 97 215	Solid	1900	18.600	1.22	0.30	72
10.4 N/mm ² 100mm	Standard Common	440 97 215	Solid	2000	19.300	1.33	0.35	72
7.3 N/mm ² 100mm Close Textured	Close Textured / Paint Grade Common	440 97 215	Solid	1950	18.900	1.33	0.35	72
3.6 N/mm ² 140mm	Standard Common	440 140 215	Solid	1900	27.700	1.22	0.30	48
7.3 N/mm ² 140mm	Standard Common	440 140 215	Solid	1900	27.700	1.22	0.30	48
10.4 N/mm ² 140mm	Standard Common	440 140 215	Solid	2000	28.300	1.33	0.35	48
7.3 N/mm ² 140mm Close Textured	Close Textured / Paint Grade Common	440 140 215	Solid	1950	28.000	1.33	0.35	48
7.3 N/mm ² 100mm Cellular	Standard Common	440 97 215	Cellular	1950	15.000	0.89	0.38	90
7.3 N/mm ² 140mm Cellular	Standard Common	440 140 215	Cellular	1950	19.000	0.89	0.38	60
7.3 N/mm ² 100mm Light weight Agg'	Standard Common	440 97 215	Solid	1450	14.000	0.45	0.38	90
7.3 N/mm ² 100mm Light weight Agg'.	Close Textured / Paint Grade Common	440 97 215	Solid	1450	14.000	0.45	0.38	90
7.3 N/mm ² 140mm Light weight Agg'.	Standard Common	440 140 215	Solid	1450	19.500	0.45	0.38	60
7.3 N/mm ² 140mm Light weight Agg'.	Close Textured / Paint Grade Common	440 140 215	Solid	1450	19.500	0.45	0.38	60
7.3 N/mm ² Blockette	Standard Common	215 100 65	Solid	2000	2.700	1.33	0.35	384
7.3 N/mm ² Blockette Light weight Agg'.	Standard Common	215 100 65	Solid	1450	1.960	0.45	0.38	384

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.

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