

Concrete Masonry Units to EN771-3

Technical Data Sheet

Unit Type All Category II Strength / Size	Unit Description	Dimensions (mm) Tolerance Category D1			Configuration All Group 1 i.e.< 25% Formed Voids	Density Gross (dry) Tolerance \pm 10% kg/m ³	Unit Mass Typical unconditioned kg	Thermal Conductivity [W/(m K)] EN 1745 P=50% ($\lambda_{10,dry}$)	Moisture Movement (total movement) mm/m	No. per Pack
		+3/-5 Length	+3/-5 Width	+3/-5 Height						
3.6 N/mm ² 100mm	Standard Common	440	97	215	Solid	1950	18.600	1.00	0.33	72
7.3 N/mm ² 100mm	Standard Common	440	97	215	Solid	1950	18.600	1.00	0.33	72
10.4 N/mm ² 100mm	Standard Common	440	97	215	Solid	2000	19.300	1.00	0.33	72
7.3 N/mm ² 100mm Close Textured	Close Textured/ Paint Grade Common	440	97	215	Solid	1950	18.900	1.00	0.33	72
3.6 N/mm ² 140mm	Standard Common	440	140	215	Solid	1950	27.700 *	1.00	0.33	48
7.3 N/mm ² 140mm	Standard Common	440	140	215	Solid	1950	27.700 *	1.00	0.33	48
10.4 N/mm ² 140mm	Standard Common	440	140	215	Solid	2000	28.300 *	1.00	0.33	48
7.3 N/mm ² 140mm Close Textured	Close Textured/ Paint Grade Common	440	140	215	Solid	1950	28.000 *	1.00	0.33	48
7.3 N/mm ² 100mm Light weight Aggregate	Standard Common	440	97	215	Solid	1450	14.000	0.53	0.46	90
7.3 N/mm ² 140mm Light weight aggregate.	Standard Common	440	140	215	Solid	1450	19.500	0.53	0.46	60
7.3 N/mm ² Blockette	Standard Common	215	100	65	Solid	1950	2.700	1.00	0.33	384
7.3 N/mm ² Blockette Light weight Aggregate.	Standard Common	215	100	65	Solid	1450	1.960	0.53	0.46	384
7.3 N/mm ² Coursing Block	Standard Common	440	97	140	Solid	1950	11.700	1.00	0.33	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 & JW 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.