

monalight & GPI blocks

STANDARD RANGE

Monalight/ GPI - Blocks Data - Table 1
Standard Compressive Strength


Block Description	Size 440x215x	Form	Standard Compressive Strength N/ mm ²
100 GPI	100	Cellular	3.5
Monalight 100S	100	Solid	7.0
Monalight 140C	140	Cellular	3.5
Monalight 140S	140	Solid	7.0
Monalight 200S	200	Solid	7.0
Foundation	305x215x215	Solid	7.0

Higher compression strengths area available
The minimum average compressive strengths are shown above

Monalight/ GPI - Blocks Data - Table 2
Thermal Resistance

Block Description	Thermal Resistance	
	3% m ² K/ W	5% m ² K/ W
100 GPI	0.259	0.244
Monalight 100S	0.204	0.192
Monalight 140C	0.435	0.415
Monalight 140S	0.280	0.260
Monalight 200S	0.297	0.276

Mona Precast reserve the right to revise product specification without notice. The information given is correct to the best of our knowledge at the time of publication, but it is the users responsibility to ensure it remains current prior to use.



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Monalight/ GPI - Blocks Data - Table 3
Unit Weights*

Block Description	Unit Weight (kg)	Weight laid kg/ m ²
100 GPI	11.5	126
Monalight 100S	14.0	151
Monalight 140C	16.5	171
Monalight 140S	20.0	211
Monalight 200S	31.5	326
Foundation	25.0	536

* Laid weight includes assumed weight of 10.6Kg/ m² of mortar. Weights are approximate.

Table 4
Fire Resistance (hrs)

Load Bearing
2
2
2
2
4
4

The notional fire resistance figures assume load bearing single leaf unplastered work.

Monalight/ GPI - Blocks Data - Table 5
Sound Reduction R_wdB

Block Description	lwt Plaster
100 GPI	38
Monalight 100S	40
Monalight 140C	40
Monalight 140S	43
Monalight 200S	49
Foundation	N/ A

These are the estimated Average Sound Reduction indices (100 - 3150Hz) of the blocks with a 13mm plaster finish applied on both room faces. These figures are provided for guidance purposes only.

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