

BOOTH CONCRETE

Ballymullen, Abbeyleix, Co. Laois 057 8731840 / 087 6797749.

Lightweight Blocks



Benefits include:

Low Block weight

Good thermal performance

Good fix ability

Reducing overall costs

Low shrinkage

No Special Mortar / Plaster required

For internal and external use Low site wastage

Designed to meet requirements of building regs.

Excellent Plaster Key

Excellent Fire resistance

Meets one-person lift requirements, increasing on site productivity. Reduces insulation c

Assist with good site house keeping.

Ideal for direct nailing

Faster completion time

Produced to the EN771-3

Table 1 – Thermal resistance

Width (mm)	Density	Thermal resistance (m ² K/W)	
		3%	5%
100	solid	0.3456	0.312
140#	solid	0.483	0.437
190#	solid	0.656	0.594

Table 2 – Unit weights

Width (mm)	Form	Unit weight	Built weight
		(kg)	(kg/m ²)
100	solid	11.04	125
140#	solid	11.60	131
190#	solid	15.74	178

based upon 3% moisture content by weight

Table 3 – Fire resistance (hours)

Width	Form	Load	Non load
		Bearing	bearing
100	solid	2	4
140#	solid	3	4
190#	solid	6	6

*Above values assume, single leaf, 13mm plaster both sides (based upon BS5628 – 3, table 14).

Table 4 – Sound Insulation

Width	Form	Rw dB
100	solid	39
140#	solid	41
190#	solid	43

Based upon mass law calculation, assuming plaster both sides

Table 5 – Characteristic strength f_k factors (N/mm²)

Width	Form	Compressive strength of Units (N/mm ²)
100	solid	3.5
140#	solid	2.90
190#	solid	2.38

Based upon BS 5627 pt 1, M4/Type III mortar # to special order only

Plastering All work should comply with EN 13914-1 external rendering. In conditions of severe exposure 3 coats of plaster is recommended with a total thickness of 20mm. Allow adequate drying time between coats.

ATTENTION ALL FARMERS



INSIST ON

"CERTIFIED CONCRETE"

PRODUCED TO E.N. 206, WITH N.S.A.I. APPROVAL
from

BOOTH CONCRETE LTD.

ABBEYLEIX, CO. LAOIS – Tel: (057) 8731840; (087) 6797749



National Standards Authority of Ireland
Údarás Um Chaighdeán Náisiunta na hÉireann



LICENCE TO USE A STANDARD MARK

The National Standards Authority of Ireland, in exercise of the power conferred on it by subsection (1) of Section 21 of the National Standards Authority Act (No. 28 of 1996), hereby grants to

BOOTH CONCRETE PRODUCTS LTD.

BALLYMULLEN, ABBEYLEIX, CO. LAOIS

A LICENCE TO USE THE IRISH STANDARD MARK ON OR IN CONNECTION WITH
I.S. EN 206-1: 2002

CONCRETE: PART 1: SPECIFICATION, PERFORMANCE, PRODUCTION AND CONFORM TO INDICATE CONFORMITY TO IRISH STANDARD
I.S. EN 206-1: 2002

BOOTH CONCRETE LTD.

FLOORING AND PRECAST PRODUCTS

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