



LAIRD BROS (FORFAR) LTD

LUNACRETE DENSE CONCRETE BLOCK

As Scotland's largest dense block manufacturer we offer the complete range of dense products, so to satisfy the various needs of the specifier/contractor. Lunacrete products can be used with confidence as we comply fully to BS EN 771-3: aggregate concrete masonry units. Further to this we continue to manufacture Lunacrete to the "special category of manufacturing control" as defined in BS 5628-1 in our on site laboratory ; a more demanding level of manufacturing control.

SIZES AVAILABLE IN (MM)

LENGTH	HEIGHT	WIDTH		
290	215		140	
440	215	100	140	190

Typical Lunacrete dimensions are displayed above. The 290x140x215mm Midi block is popular for ease of handling while maintaining the performance of the traditional 440x140x215mm block.

Standard block light grey in colour with an open texture made to render for general purpose.

Paint Grade block light grey in colour with a smooth closed texture suitable for secondary finishes i.e. painting

PRODUCT APPLICATION

Common dense block applications are as follows:

- Inner and outer leaves of cavity walls.
- Internal party walls including fire break walls
- Suitable for below DPC
- Infill units to beam and block flooring
- Reinforced masonry walls
- Internal untreated walls
- Retaining walls
- Where sound insulation is necessary consideration due to blocks high density

PRODUCT SPECIFICATIONS

LAIRD LUNACRETE BLOCK TO BS EN 771-3:2003 (CATEGORY II)

DIMENSIONAL TOLERANCE	CATEGORY D1
MEAN UNIT STRENGTH (SOLID) & MARKED COLOUR	7.3, 10.4 (BLUE), 15 (GREEN), 22.5 N/mm ² (WHITE)
NET DRY DENSITY	2000 KG/M ³
GROSS DRY DENSITY	2000 KG/M ³
MOISTURE MOVEMENT COEFFICIENT	< 0.5 mm/m
DRYING SHRINKAGE	<0.05%
THERMAL CONDUCTIVITY	PROTECTED 1.13 W/mk @ 3% MC EXPOSED 1.24 W/mK @ 5% MC
REACTION TO FIRE	CLASS A1
BOND STRENGTH	0.15N/mm ² FIXED VALUE
DURABILITY	FROST RESISTENT

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