



Kilcarrig Quarries Form C using 215 x 65mm pre-stressed lintels.
Product Code PC9X3

Kilcarrig Quarries Load/Span Tables for Composite Lintel Construction using 215 x 65mm pre-stressed lintels with 2 no. 9.3mm strands.

Table of Uniform Distributed Loads in kN/m for Composite Lintels Constructed with 215 mm SOLID BLOCKS (Safety Factor 2.25 Assumed)

Span ó Load Table

Depth 215 mm blockwork	Clear Span (metres)							
	0.3	0.6	1.0	1.3	1.6	2.0	2.3	2.6
175	>30	17.6	11.6	8.6	6.7	5.0	3.4	2.2
285	>30	>30	20.6	15.3	12.0	9.8	8.3	7.1
395	>30	>30	29.6	21.9	17.2	14.1	11.9	10.3
505	>30	>30	>30	28.6	22.4	18.4	16.6	13.4

Note

1. Composite lintels shall be constructed in accordance with the relevant Construction Specification & Kilcarrig Quarries Specification for Pre-stressed Composite Lintels I.S. EN 845-2:2013+A1 2016 Specification for ancillary components for masonry . Part 2: Lintels. using 7.5N/mm² concrete blocks to IS EN 771 ó 3 : & M4 Sand to cement mortar.
2. Pre-stressed Lintels should be placed rough side up to achieve maximum bond with the composite blockwork above.
3. *Relevant testing work was carried out by Lucideon Ltd., Queens Road, Penkhull, Stoke-on-Trent, Staffordshire, ST4 7LQ UK. Notified laboratory number 1289.*