

Special Notes

These tables are specific to lintels by Killeshal Precast Concrete Limited.

Killeshal Precast Concrete can issue a D.O.P. on these lintels when used as specified in these tables.

These Pre-stressed Lintels should be installed with the strands closest to the bottom.

NHBGS

IS EN 1992-1-1 NATIONAL ANNEX:
2010 COR 2016

IS EN 206:2013 Concrete

IS EN 845-2 2013 + A1 2016

EN 1996-1-1:2005

2008 House Building Manual

Irish National Annex to Eurocode 2:
Design of Concrete Structures - Part 1-1:
General Rules and Rules for Buildings

Specification, performance, production
and conformity

Specification for Ancillary Components
for Masonry - Part 2- Lintels

General rules for reinforced and
unreinforced masonry structures

Pre-Stressed Units

- Concrete grade at 28 days = C35/45
- Concrete grade at transfer = C25/30
- Minimum characteristic strength of 9.3 mm diameter strands = 93.5 kN

100x150 HD Prestressed Concrete Lintel

No.	Width (mm)	Depth (mm)	Maximum Clear Ope (mm)	Min Bearing Each Side (mm)	Lintel Length (mm)	Maximum Permitted Service Load (kN/m) (SLS)
1	100	150	900	150	1200	37.8
2	100	150	1050	150	1350	28.8
3	100	150	1200	150	1500	22.7
4	100	150	1350	150	1650	18.3
5	100	150	1500	150	1800	15.1
6	100	150	1650	225	2100	11.6
7	100	150	1800	225	2250	9.9
8	100	150	1950	225	2400	8.5
9	100	150	2100	225	2550	7.4
10	100	150	2250	225	2700	6.5
11	100	150	2400	225	2850	5.8
12	100	150	2550	225	3000	5.1
13	100	150	2700	225	3150	4.6
14	100	150	2850	225	3300	4.1
15	100	150	3000	225	3450	3.7
16	100	150	3150	225	3600	3.4
17	100	150	3300	225	3750	3.0
18	100	150	3450	225	3900	2.8

Loading / Opes

- Loadings and opes should not exceed the values given in the tables above.
- All loads in the tables are given Kn/m.

UK site



RoI site

