



# Supreme

## Declaration of Performance

Precast concrete lintels

- Manufacturer:** Ibstock, Leicester Road, LE67 6HS
- Intended use:** Intended use in masonry walls and partitions - to support loads over openings with a semi-structural role in the works (up to a maximum clear span of 3.3 m)
- System of assessment and verification:** System 3
- Notified Body:** Lucideon (Notified Body ID No. 1289) performed initial type testing under AVCP System 3 and issued test/ calculation reports: No. 14439

Lintel Reference:	LIN 00	LIN 01	LIN 02	LIN 03	LIN 04	LIN 05	LIN 06	LIN 07	LIN 08	LIN 10	LIN 12	LIN 13	LIN 14
Lintel length (mm)	610	735	965	1065	1220	1370	1525	1675	1830	2130	2440	2745	3050
Lintel clear span (mm)	310	435	665	765	920	1070	1225	1375	1530	1830	2140	2445	2750
Load Bearing capacity (kN/m)	91.19	71.63	45.30	35.87	26.14	20.03	15.69	12.69	10.40	9.65	7.12	5.47	4.31
Deflection at 1/4 load capacity	NPD												
Harmonised standard	BS EN 845-2												
Profile (Width x Height)	100 x 145 mm												
Minimum built in length	150 mm												
Failure mode(s)	Flexure & Shear												
Water absorption	1.4 g/m <sup>2</sup> .s												
Water Vapour Permeability	5/15 µ												
Mass per unit area	236 kg/m <sup>2</sup>												
Thermal resistance	1.11 W/(m.K)												
Resistance to fire	R30												
Durability (Against corrosion)	NPD												
Durability (Against freeze/thaw)	Resistant												
Dangerous substances	None												

The declaration of Performance is issued under the sole responsibility of the manufacturer identified in point 1.

For geometrical data and load/span tables, see the Product catalogue or website: [www.supremeconcrete.co.uk](http://www.supremeconcrete.co.uk)

Signed for and on behalf of the manufacturer by:

Name: Will Hicks

Position: Ibstock Concrete Operations Director

Place: Ibstock, Leicester Road, LE67 6HS

Date: 1<sup>st</sup> April 2021