



# 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 31	LIN 32	LIN 33	LIN 34	LIN 35	LIN 36	LIN 37
Lintel length (mm)	1220	1525	1830	2130	2440	2745	3050
Lintel clear span (mm)	920	1225	1530	1830	2140	2445	2750
Load Bearing capacity (kN/m)	<b>18.85</b>	<b>11.21</b>	<b>7.34</b>	<b>7.24</b>	<b>5.28</b>	<b>4.00</b>	<b>3.10</b>
Deflection at 1/4 load capacity	NPD						
Harmonised standard	BS EN 845-2						
Profile (Width x Height)	220 x 100 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	350 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