


Declaration of Performance								
No. DOP/0H-210901								
1	Product type	215x65 prestressed concrete lintel						
2	Product type number	0H						
3	Intended use	In walls and partitions						
4	Manufacturer	Stressline Limited Foxbank Industrial Estate Stoney Stanton Leicestershire LE9 4LX United Kingdom						
5	Authorised representative	Not applicable						
6	System of assessment of performance	System 3						
7	Reference harmonised standard	BS 845-2:2013 Assessment: Lucideon (NB1289) Reference: 133162 (QT-27317/3/SL)/Ref. 1						
8	European Technical Assessment	Not applicable						
9	Declared performance							
9.1	Load bearing capacity (kN/m)	Lintel Length (mm)						
		600	900	1050	1200	1500	1800	2100
		36.4	36.4	23.7	17.0	9.6	6.1	4.2
9.2	Deflection under load	≤ Effective span/325 at safe working load						
9.3	Water absorption	NPD						
9.4	Water vapour diffusion coefficient	50/150 (BS 1745:2012 Table A.3)						
9.5	Direct airborne sound insulation	Mass per unit area: 516 kg/m ²						
9.6	Thermal resistance	1.52 W/(m.K) ($\lambda_{10,dry,mat}$, S1) (BS 1745:2012 Table A.3)						
9.7	Resistance to fire	R30 (BS 1992-1-2:2004 Table 5.8)						
9.8	Durability of performance (corrosion)	Resistant (Material reference C2, BS 845-2:2013 Table C.3)						
9.9	Durability of performance (freeze/thaw)	XF1 (BS 1992-1-1:2004 Table 4.1)						
9.10	Dangerous substances	Not applicable						
10	<p>The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.</p> <p>Signed for and on behalf of the manufacturer by:</p> <div style="text-align: right;">  <hr style="width: 200px; margin-left: auto;"/> </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div>Stoney Stanton, September 2021</div> <div>Chris Fox Managing Director</div> </div>							



Stressline Limited, Foxbank Industrial Estate, Leicestershire, LE9 4LX

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Lucideon (NB1289) Reference: 133162 (QT-27317/3/SL)/Ref. 1

BS 845-2

Product type 100x65 prestressed concrete lintel,
intended to be used in walls and partitions

Load bearing capacity	Lintel Length (mm)						
	600	900	1050	1200	1500	1800	2100
	36.4	36.4	23.7	17.0	9.6	6.1	4.2
Deflection under load	\leq Effective span/325 at safe working load						
Water absorption	NPD						
Water vapour diffusion coefficient	50/150						
Direct airborne sound insulation	Mass per unit area: 516 kg/m ²						
Thermal resistance	1.52 W/(m.K) ($\lambda_{10,dry,mat}$, S1)						
Resistance to fire	R30						
Durability of performance (corrosion)	Resistant						
Durability of performance (freeze/thaw)	XF1						
Dangerous substances	Not applicable						

See also Declaration of Performance DOP/0H-210901