

Declaration of Performance

No. DOP/SL90-210901

1	Product type	SL90 steel cavity lintel								
2	Product type number	FA0								
3	Intended use	In cavity walls								
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. 2								
8	European Technical Assessment	Not applicable								
9	Declared performance									
9.1	Load bearing capacity (kN)	Lintel Length (mm)								
		600-1200	1350-1500	1650-1800	1950-2100	2250-2400	2550-3000	3150-3900	4050-4200	4350-4800
	Load ratio 1:1/3:1	16	17	22	23	24	28	28	28	28
	Load ratio 19:1	12	13	17	18	19	22	22	22	22
9.2	Deflection under load	≤ Effective span/325 at safe working load								
9.2	Water absorption	Zero								
9.3	Direct airborne sound insulation (kg/m ²)	68.4	61.9	57.5	56.4	54.2	50.0	73.7	69.8	84.9
9.4	Thermal resistance	Steel: 50 W/(m.K) Polystyrene: 0.035 W/(m.K)								
9.5	Resistance to fire	NPD								
9.6	Durability of performance (corrosion)	Material: Z600 galvanised steel								
9.7	Durability of performance (freeze/thaw)	Resistant								
9.8	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; margin-right: 50px;">  <hr style="width: 200px; margin: 0 auto;"/> <p>Chris Fox Managing Director</p> </div>									
	Stoney Stanton, September 2021									



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

19

Lucideon (NB1289) Reference: 133162 (QT-27317/3/SL)/Ref. 2

BS 845-2

SL90 steel cavity lintel,
intended to be used in cavity walls

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See also Declaration of Performance DOP/SL90-210901