Declaration of Performance

No. DOP/SL100CH225-210901

1	Product type	SL100CH225 single leaf steel lintel					
2	Product type number	F09					
3	Intended use	In 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)					
		600-1500	1650-1800	1950-2400	2550-3000	3150-4050	4200-4800
		57	47	34	30	20	17
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)	39.8					
9.4	Thermal resistance	Steel: 50 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 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.

Signed for and on behalf of the manufacturer by:



Stoney Stanton, September 2021

Chris Fox
Managing Director

UK CA

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

21

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

BS 845-2

SL100CH225 single leaf steel lintel,
intended to be used in walls

Load bearing capacity	Lintel Length (mm)					
	600-1500	1650-1800	1950-2400	2550-3000	3150-4050	4200-4800
	57	47	34	30	20	17
Deflection under load	≤ Effective span/325 at safe working load					
Water absorption	Zero					
Direct airborne sound insulation (kg/m^2)	39.8					
Thermal resistance	Steel: 50 W/(m.K)					
Resistance to fire	NPD					
Durability of performance (corrosion)	Material: Z600 galvanised steel					
Durability of performance (freeze/thaw)	Resistant					
Dangerous substances	Not applicable					

See also Declaration of Performance DOP/SL100CH225-210901