Declaration of Performance

No. DOP/SL100BOXXHD-210901

1	Product type	SL100 BOX XHD steel lintel
2	Product type number	F0V
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. 2
8	European Technical Assessment	Not applicable
9	Declared performance	
9.1	Load bearing capacity (kN)	Lintel Length (mm)
		600-2700
		70
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)	88.4
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

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

BS 845-2

SL100 BOX XHD steel lintel,
intended to be used in walls and partitions

Load bearing capacity	Lintel Length (mm)
	600-2700
	70
Deflection under load	≤ Effective span/325 at safe working load
Water absorption	Zero
Direct airborne sound insulation (kg/m^2)	88.4
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Durability of performance (corrosion)	Material: Z600 galvanised steel
Durability of performance (freeze/thaw)	Resistant
Dangerous substances	Not applicable

See also Declaration of Performance DOP/SL100BOXXHD-210901