Declaration of Performance

No. DOP/TSL150XHD-260901

1	Product type	TSL150XHD steel cavity lintel				
2	Product type number	TE3				
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				
8	European Technical Assessment	Not applicable				
9	Declared performance					
9.1	Load bearing capacity (kN)	Lintel Length (mm)				
		600-1500	1650-1800	1950-2700	2850-3600	3750-4800
	Load ratio 1:1/5:1	65	55	60	55	40
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)	58.0	58.0	104.4	122.2	122.2
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 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 2026

Chris Fox
Managing Director

UK CA

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

19

BS 845-2

TSL150XHD steel cavity lintel,
intended to be used in cavity walls

Load bearing capacity	Lintel Length (mm)				
	600-1500	1650-1800	1950-2700	2850-3600	3750-4800
Load ratio 1:1/3:1	65	55	60	55	40
Deflection under load	≤ Effective span/325 at safe working load				
Water absorption	Zero				
Direct airborne sound insulation (kg/m^2)	58.0	58.0	104.4	122.2	122.2
Thermal resistance	Steel: 50 W/(m.K) Polystyrene: 0.035 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/TSL150XHD-260901