

## Declaration of Performance

Product/DoP Ref: 052CPR2013

Product-type: HD/K-50 WIL

Product intended to be used in walls and partitions

Manufacturer	Notified Body
Keystone Lintels Ltd, Ballyreagh Industrial Estate, Cookstown, Northern Ireland, BT80 9DG	Lucideon Ltd, Queens Road, Penkhull, Stoke-on-Trent, Staffordshire, ST4 7LQ
Keystone Lintels, in accordance with the Construction Products (Amendment etc.) (EU Exit) Regulations 2020 No. 1359, hereby declares that product type HD/K-50 WIL is manufactured to the requirements of the Harmonised European Standard EN 845-2-2013+A1-2016.	Lucideon Ltd No. 0013, conducted assessment of performance. The conformity of the product was determined as per the requirements stipulated in ZA.1 and ZA.2 of EN 845-2-2013+A1-2016. The AVCP for the product is system 3.

Essential Characteristics		Lintel Length (mm)					hEN
		0600-1200	1350-1500	1650-1800	1950-2100	2250-2700	
Load Bearing Capacity (kN) Load Ratio 3:1	Figures shown are safe working loads	20	25	35	30	36	EN 845-2-2013+A1-2016
Load Bearing Capacity (kN) Load Ratio 19:1		17	22	27	25	32	
Deflection Under Load	Less than Effective Span/325 at maximum safe working load						
Mass Per Unit Area	NPD						
Water Absorption	Zero						
Thermal Resistance (W/mk)	50 (steel), 0.039 (EPS)						
Resistance to Fire	NPD (Contact Keystone Technical Department for information)						
Durability (against corrosion)	L14 (Lintel), L16.1 (Thermal Break Plate)						
Durability (against freeze/thaw)	Resistant						
Dangerous Substances	None						

Signed for on behalf of the manufacturer by:

Name: Derrick McFarland, Managing Director

At: Cookstown

On: 14 / 10 / 2022

Signature:

