

Declaration of Performance

Product/DoP Ref: **HD/K-50**

Old Ref: 007CPR2013 - Superseded

Product-type: **HD/K-50**

Product intended to be used in walls and partitions

Manufacturer	Notified Body
Keystone Lintels Ltd, Ballyreagh Industrial Estate, Cookstown, Northern Ireland, BT80 9DG	Technical and Test Institute for Construction Prague, Prosecká 811/76A, 190 00 Praha 9-Prosek, Czech Republic
Keystone Lintels, in accordance with the Construction Products Regulations 2011 No. 305/2011 as amended, hereby declares that product type HD/K-50 is manufactured to the requirements of the Harmonised European Standard EN 845-2: 2013 + A1: 2016.	TZUS No. 1020, 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
		600-1200	1350-1500	1650-2100	2250-2550	2700-3000	3150-3600	3750-4200	
Load Bearing Capacity (kN) Load Ratio 3:1	Figures shown are safe working loads	30	30	40	40	40	35	33	EN 845-2: 2013 + A1: 2016
Load Bearing Capacity (kN) Load Ratio 19:1		22	22	35	35	35	32	28	
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), 0.038 (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: 24 / 09 / 2025

Signature:

