

## Declaration of Performance

Product/DoP Ref: 007CPR2013

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 Regulation (EU) No. 305/2011, 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
		0600-1350	1500	1650	1800-2100	2250-3000	3150-3600	3750-4000	
Load Bearing Capacity (kN) Load Ratio 3:1	Figures shown are safe working loads	21	27	27	32	37	34	30	EN 845-2-2013+A1-2016
Load Bearing Capacity (kN) Load Ratio 19:1		18	22	22	24	33	31	27	
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 (RNO)								
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 / 05 / 2021

**Signature:**
