

Declaration of Performance

Product/DoP Ref: 037CPR2013

Product-type: HD/K-90 WIL

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-90 WIL 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	1500-1800	1950-2100	2250-2700	
Load Bearing Capacity (kN) Load Ratio 3:1	Figures shown are safe working loads	20	35	30	36	EN 845-2-2013+A1-2016
Load Bearing Capacity (kN) Load Ratio 19:1		17	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 / 05 / 2021

Signature:

