

Declaration of Performance

Product/DoP Ref: **HDBOX/K-100**

Old Ref: 029CPR2013 - Superseded

Product-type: **HDBOX/K-100**

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 HDBOX/K-100 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	1350-1800	1950-2400	2550-2700	
Load Bearing Capacity (kN) Total UDL	Figures shown are safe working loads	50	45	50	40	EN 845-2: 2013 + A1: 2016
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)				
Resistance to Fire		NPD (Contact Keystone Technical Department for information)				
Durability (against corrosion)		L16.1				
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:

