

Declaration of Performance

Product/DoP Ref: 009CPR2013

Product-type: L1/HD 100

Product intended to be used in walls and partitions

Manufacturer	Notified Body
IG (Lintels) Ltd., Avondale Road, Cwmbram, Gwent, NP44 1XY	Technical and Test Institute for Construction Prague, Prosecká 811/76A, 190 00 Praha 9-Prosek, Czech Republic
IG Lintels, in accordance with the Construction Products Regulation (EU) No. 305/2011, hereby declares that product type L1/HD 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
		0600-1200	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), 0.039 (RNO)								
Resistance to Fire	NPD (Contact IG 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:

