

Declaration of Performance

Product/DoP Ref: 051CPR2013

Product-type: S/K-50 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 S/K-50 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 | 1500–1650 | 1800 | 1950–2100 | 2250–2400 | 2550–3000 | 3150–3600 | 3750–4000 | 4200 | |
| Load Bearing Capacity (kN) Load Ratio 3:1 | Figures shown are safe working loads | 12 | 12 | 15 | 20 | 24 | 28 | 30 | 27 | 26 | EN 845-2-2013+A1-2016 |
| Load Bearing Capacity (kN) Load Ratio 19:1 | | 10 | 10 | 13 | 18 | 20 | 21 | 26 | 25 | 22 | |
| 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 on behalf of the manufacturer by:
Name: Derrick McFarland, Managing Director

At: Cookstown

On: 14 / 05 / 2021

Signature:
