

## Declaration of Performance

Product/DoP Ref: **HDBOX/K-150**

Old Ref: 030CPR2013 - Superseded

Product-type: **HDBOX/K-150**

*Product intended to be used in walls and partitions*

| Manufacturer                                                                                                                                                                                                                                              | Notified Body                                                                                                                                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Keystone Lintels Ltd,<br>Ballyreagh Industrial Estate,<br>Cookstown,<br>Northern Ireland,<br>BT80 9DG                                                                                                                                                     | Technical and Test Institute for Construction Prague,<br>Prosecká 811/76A,<br>190 00 Praha 9-Prosek,<br>Czech Republic                                                                                                            |
| Keystone Lintels, in accordance with the Construction Products Regulations 2011 No. 305/2011 as amended, hereby declares that product type HDBOX/K-150 is manufactured to the requirements of the Harmonised European Standard EN 845-2: 2013 + A1: 2016. | TZUS No. 1020, conducted assessment of performance.<br>The conformity of the product was determined as per the requirements stipulated in ZA.1 and ZA.2 of<br>EN 845-2: 2013 + A1: 2016.<br>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)<br>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:**

