

# DECLARATION OF PERFORMANCE

DoP number: CB/17– 2025-01

Product name: OASHOUSE ORANGE

Identification code of product-type is DoP-number:

BRKOASTORA(MET or IMP)

**ClassicBrick**  
COMPANY

Intended use in masonry walls, columns and partitions  
for: Assessment and verification of constancy of  
performance: Harmonised standard:  
Notified body/ies:

unprotected masonry  
System 4  
EN 771-1:2011+A1:2015  
1020

## Declared performance/s of a U - masonry unit

### Dimensions and tolerances

|                             |          |       | T1  | R1 |
|-----------------------------|----------|-------|-----|----|
| Length:                     | mm       | 215   | ± 6 | 9  |
| Width:                      | mm       | 102,5 | ± 4 | 6  |
| Height:                     | mm       | 65    | ± 3 | 5  |
| Tolerance:                  | category | T1    |     |    |
| Range:                      | category | R1    |     |    |
| Flatness of bed faces:      | mm       | NPD   |     |    |
| Plane parallelism:          | mm       | NPD   |     |    |
| Configuration               |          |       |     |    |
| Group of the unit:          | -        | 1     |     |    |
| Volume of all formed voids: | %        | NPD   |     |    |
| Volume of frogs:            | %        | NPD   |     |    |

### Density

|                    |                   |         |                   |
|--------------------|-------------------|---------|-------------------|
| Gross dry density: | kg/m <sup>3</sup> | 1480    | BS EN 772-13:2000 |
| Net dry density:   | kg/m <sup>3</sup> | 1870    | BS EN 772-13:2000 |
| Tolerance:         | category / %      | D1 / 10 | EN 771-1          |

### Compressive strength for Category I product

|                                    |                          |          |                                                 |
|------------------------------------|--------------------------|----------|-------------------------------------------------|
| Compressive strength               | N/mm <sup>2</sup>        | 39,6     | BS EN 772-1:2011                                |
| Perpendicular to header:           | N/mm <sup>2</sup>        | NPD      |                                                 |
| Perpendicular to header 2:         | N/mm <sup>2</sup>        | NPD      |                                                 |
| Bond strength:                     | N/mm <sup>2</sup>        | "        | Tabulated value according to EN 998-2 (ANNEX C) |
| Thermal conductivity λ10,dry,unit: | W/(m·K)                  | 0,53     | EN 772-13:2000                                  |
| Water vapour permeability:         |                          | μ = 5/10 | EN 1745:2012 ANNEX A                            |
| Durability:                        | category                 | F2       | TS 772:22:2006                                  |
| Water absorption:                  | %                        | 11       | BS EN 772-21:2011                               |
| Initial rate of water absorption:  | kg/(m <sup>2</sup> ·min) | 2.0      | BS EN 772-11:2011                               |
| Active soluble salt content:       | category                 | S2       | BS EN 772-5                                     |
| Moisture movement:                 | mm/m                     | NPD      |                                                 |
| Reaction to fire:                  | class                    | A1       |                                                 |
| Dangerous substances:              | -                        | NPD      |                                                 |

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Supplementary national information:

DoP number: CB/17 – 2025-01  
Product name: OASHOUSE ORANGE



|                                        |      |               |
|----------------------------------------|------|---------------|
| Pack Weight                            | KG   | 995Kg         |
| Pack Quantity                          | EACH | 450           |
| Pack Dimensions                        | MM   | 1070X1070X680 |
| CICS Shield Mark License - BS EN 771-1 |      |               |