

| <b>Declaration of Performance Nr. 1de 121v1</b> |   |   |   |
|---|---|---|---|
| 1   | Unique identification code of the product type  | U brick category I, 240 x115 x 71 mm                                      |   |
| 2   | Type-, batch- or serial number or any other element allowing identification of the construction product as required purs. to 11 (4)   | Article no. 121 NF  |   |
| 3   | Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer   | for use in protected or unprotected masonry walls, columns and partitions |   |
| 4   | Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11 (5)   | DEPPE Backstein-Keramik GmbH, Neuenhauser Str. 82, D-49843 Uelsen         |   |
| 5   | Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12 (2)  | Not applicable  |   |
| 6   | System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V  | 2+  |   |
| 7   | The notified testing laboratory CPD 0854 ( Cert Baustoffe GmbH, 23966 Wismar) performed the initial testing, the determination of the product-type on the basis of type testing (based on sample-tests carried out by the manufacturer), type calculation, tabulated values or descriptive documentation of the product and issued test report no.2510 - CPR - 323. |   |   |
| 8   | Not applicable  |   |   |
| 9   | <b>Declared performance</b>   |   |   |
|   | <b>Main features</b>  |   | <b>Declared performance</b>               |
|   | dimensions [mm]   | length/width/height   | <b>240*115*71</b>                         |
|   | dimensional tolerances  | mean  | Tm (+5/-10   +/- 5   +/- 2 mm)            |
|   |   | range   | Rm (10   6   3 mm)                        |
|   | shape and formation   |   | <b>Shape c) i.a.w. 5.3.2</b>              |
|   | compressive strength [N/mm <sup>2</sup> ]   | category  | <b>Category I</b>                         |
|   |   | mean  | <b>≥ 32</b>                               |
|   |   | direction of load   | perpendicular to horizontal joint         |
|   | moisture movement   |   | <b>NPD</b>                                |
|   | bond strength   |   | <b>NPD</b>                                |
|   | active soluble salts content  |   | <b>S2</b>                                 |
|   | reaction to fire  |   | <b>A1</b>                                 |
|   | water absorption (mass %)   |   | <b>6,0</b>                                |
|   | water vapour permeability   |   | <b>5/10</b>                               |
|   | gross dry density   | mean  | <b>1348</b>                               |
|   |   | thermal conductivity  | <b>NPD</b>                                |
|   | durability against freeze/thaw: freeze/thaw resistance  |   | <b>F2</b>                                 |
|   | dangerous substances  |   | <b>i.a.w. ZA.3</b>                        |
|   |   |   | <b>Harmonised technical specification</b> |
|   |   |   | <b>DIN EN 771-1</b>                       |
|   |   |   | <b>DIN EN 998-2</b>                       |
|   |   |   | <b>DIN EN 771-1</b>                       |
|   |   |   | <b>DIN EN 771-1</b>                       |
|   |   |   | <b>DIN EN 1745</b>                        |
|   |   |   | <b>DIN EN 771-1</b>                       |

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:



Dr. Dirk Deppe, Uelsen, 09.06.2017